

3GPP TSG-CN #22  
3GPP TSG-RAN #22  
3GPP TSG-T #22

*Tdoc NP-030469*  
*Tdoc RP-030641*  
*Tdoc TP-030273*

---

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

**Title:** **Specs status list prior to TSGs#22**

**Document for:** **information**

The following table shows the status list immediately prior to TSGs#22. It differs from that corresponding to the end of SA#21 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#17.

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

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

# 3GPP specification status

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Active or Withdrawn / Stopped (Active specs first)  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

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Withdrawn / Stopped

---

## ACTIVE specs

### Rel-7

Rel-7 **34** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

**TR 34.902 Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests**

Rel-7 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version, comments):*

*WG (prime / other):* T1 /  
*G:* yes *U:* yes

*rapporteur:* ROSE, Ian RACAL INSTRUMENTS LTD  
*MCC:* SULTAN, Alain

*remarks - general:* TP-21: Title changed from "Measurement uncertainty". Completion date: end 2004.  
*remarks - this release:* TP-21: assume Rel-7 in view of projected end date.

---

---

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

Rel-6 *current version:* none  
*freeze\_meeting:* SP-20  
*history (event, available, version, comments):*

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

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

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

---

# 3GPP specification status

Page 3

04 December 2003 11:59:28

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

---

<b>TR 21.877</b>	<b>Radio optimization impacts on the Packet Switched (PS) domain architecture</b>									
Rel-6	<i>current version:</i> 0.7.0	DRAFT	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	LAUTIER, Laurence	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i>		G: U: yes		<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>									
	draft	24/02/2003	0 . 7 . 0	inherited from Rel-5	<a href="#">get it</a>	<i>remarks - general:</i>				
						<i>remarks - this release:</i>	SP-20: from Rel-5.			
<hr/>										
<b>TR 21.900</b>	<b>Technical Specification Group working methods</b>									
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat			
	<i>freeze_meeting:</i>		G: yes U: yes		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>									
	SP-21	26/09/2003	6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
						<i>remarks - this release:</i>	.			
<hr/>										
<b>TR 21.902</b>	<b>Evolution of 3GPP system</b>									
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	BISHOP, Craig	SAMSUNG Electronics Research Institute			
	<i>freeze_meeting:</i>		G: U: yes		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>									
	SP-18, Evolution meeting #2	03/01/2003	0 . 0 . 0	Prior to SP-18: doc = EV020032	<a href="#">get it</a>	<i>remarks - general:</i>	SP-21: On closure of Evolution group, confirmed that ownership stays with SA.			
	revised to add missing text	08/01/2003	0 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	SP-20: expect revised drafts 2003-06-20 & 2003-09-05. SP-21: approved as Rel-6 document.			
	SP-19, Evolution meeting #3	24/03/2003	0 . 1 . 1	EV-030002	<a href="#">get it</a>					
	draft	07/04/2003	0 . 2 . 0		<a href="#">get it</a>					
	draft	17/04/2003	0 . 2 . 1	incorporating comments post SP-19	<a href="#">get it</a>					
	SP-20, Evolution meeting #4	02/06/2003	0 . 2 . 2	EV-030042	<a href="#">get it</a>					
	draft	20/06/2003	1 . 1 . 0		<a href="#">get it</a>					
	draft	20/06/2003	1 . 1 . 1		<a href="#">get it</a>					
	Evolution workshop #5 prior to SP-21	29/09/2003	1 . 2 . 0	EV-030124	<a href="#">get it</a>					
	Evolution workshop #5 prior to SP-21	29/09/2003	1 . 3 . 0	EV-030136	<a href="#">get it</a>					
	SP-21	29/09/2003	2 . 0 . 0	SP-030518	<a href="#">get it</a>					
	SP-21	26/09/2003	6 . 0 . 0	Approved as Rel-6. PCG to decide whether SDOs are to publish prior to Rel-6 freeze.	<a href="#">get it</a>					

---

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

# 3GPP specification status

Page 4

04 December 2003 11:59:29

ACTIVE specs Rel-6 21 .- series  
Server location: [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-6 *current version:* 6.4.0  
*freeze\_meeting:* SP-22  
*history (event, available, version, comments):*

SP-17	16/09/2002	6	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
SP-18	18/12/2002	6	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> .
SP-19	25/03/2003	6	.	2	.	0	<a href="#">get it</a>	
SP-20	18/06/2003	6	.	3	.	0	<a href="#">get it</a>	
SP-21	30/09/2003	6	.	4	.	0	<a href="#">get it</a>	

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

---

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 22.011 Service accessibility

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:*  
*history (event, available, version, comments):*

SP-19	25/03/2003	6	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
SP-20	18/06/2003	6	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> .

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

---

---

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

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:* SP-22  
*history (event, available, version, comments):*

SP-20	18/06/2003	6	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
SP-21	30/09/2003	6	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> .

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

---

---

## TS 22.041 Operator Determined Call Barring

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:*  
*history (event, available, version, comments):*

SP-20	18/06/2003	6	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
SP-21	30/09/2003	6	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> .

WG (prime / other): S1 / - *rapporteur:* WOLAK, Stephen VODAFONE Group Plc  
G: yes U: yes *MCC:* CLAYTON, Michael

---

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

# 3GPP specification status

Page 5

04 December 2003 11:59:29

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

---

<b>TS 22.060</b>	<b>General Packet Radio Service (GPRS); Service description; Stage 1</b>					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-19 25/03/2003 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 22.066</b>	<b>Support of Mobile Number Portability (MNP); Stage 1</b>					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-18 18/12/2002 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-20 18/06/2003 6 . 1 . 0	<a href="#">get it</a>	<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-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-18 18/12/2002 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-20 18/06/2003 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>						
<b>TS 22.071</b>	<b>Location Services (LCS); Stage 1</b>					
Rel-6	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.		
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 04/07/2002 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-17 17/09/2002 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	SP-18 18/12/2002 6 . 2 . 0	<a href="#">get it</a>				
	SP-19 25/03/2003 6 . 3 . 0	<a href="#">get it</a>				
	SP-20 18/06/2003 6 . 4 . 0	<a href="#">get it</a>				
	SP-21 30/09/2003 6 . 5 . 0	<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 6

04 December 2003 11:59:29

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

---

<b>TS 22.078</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1</b>				
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	SP-18 10/01/2003 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-19 25/03/2003 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	SP-21 30/09/2003 6 . 2 . 0	<a href="#">get it</a>			

---

<b>TS 22.101</b>	<b>Service aspects; Service principles</b>				
Rel-6	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</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.		
	SP-18 18/12/2002 6 . 2 . 0	<a href="#">get it</a>			
	SP-19 25/03/2003 6 . 3 . 0	<a href="#">get it</a>			
	SP-20 18/06/2003 6 . 4 . 0	<a href="#">get it</a>			
	SP-21 30/09/2003 6 . 5 . 0	<a href="#">get it</a>			

---

<b>TS 22.105</b>	<b>Services and service capabilities</b>				
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	SP-17 17/09/2002 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-19 25/03/2003 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	SP-20 18/06/2003 6 . 2 . 0	<a href="#">get it</a>			

---

<b>TS 22.115</b>	<b>Service Aspects Charging and billing</b>				
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MONTEGROSSO, Emanuele	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	SP-19 25/03/2003 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-20 18/06/2003 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	SP-21 30/09/2003 6 . 2 . 0	<a href="#">get it</a>			

---

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





# 3GPP specification status

Page 8

04 December 2003 11:59:30

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S1 / *rapporteur:* JARVIS, Andre 3  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
SP-16 04/07/2002 6 . 0 . 0 [get it](#) *remarks - general:* Replaces 22.946. Note that stage 2 is 23.246.  
SP-17 17/09/2002 6 . 1 . 0 [get it](#) *remarks - this release:* .  
SP-19 25/03/2003 6 . 2 . 0 [get it](#)

---

## TS 22.174 Push service; Stage 1

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S1 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
draft 27/03/2002 0 . 6 . 0 S1-020540 [get it](#) *remarks - general:*  
draft 0 . 8 . 1 *remarks - this release:* SP-15: Timed out of Rel-5. SP-18: S1 seems to have lost interest in this spec. Known to be some holes in it.  
SP-16 1 . 0 . 0 SP-020230 (inside liaison statement)  
post SP-16 clean 04/07/2002 1 . 0 . 1 [get it](#)  
up  
SP-17 17/09/2002 2 . 0 . 0 SP-020571 [get it](#)  
SP-17 16/09/2002 6 . 0 . 0 [get it](#)  
SP-18 18/12/2002 6 . 1 . 0 [get it](#)  
SP-19 25/03/2003 6 . 2 . 0 [get it](#)

---

## TS 22.177 Speech-enabled services; Stage 1

Rel-6 *current version:* none *WG (prime / other):* S1 / *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
*remarks - general:* Spec number reserved; production depends on results of feasibility study (22.977).  
*remarks - this release:* .

---

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

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S1 / *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*freeze\_meeting:* tbd *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
SP-16 04/07/2002 6 . 0 . 0 [get it](#) *remarks - general:*  
SP-17 17/09/2002 6 . 1 . 0 [get it](#) *remarks - this release:* SP-020234 slide 11 justifies existence.  
SP-19 25/03/2003 6 . 2 . 0 [get it](#)  
SP-20 18/06/2003 6 . 3 . 0 [get it](#)  
SP-21 30/09/2003 6 . 4 . 0 [get it](#)

---

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

# 3GPP specification status

Page 9

04 December 2003 11:59:31

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

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S1 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-17	17/09/2002	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
SP-18	18/12/2002	6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
SP-19	25/03/2003	6 . 2 . 0	<a href="#">get it</a>	
SP-21	30/09/2003	6 . 3 . 0	<a href="#">get it</a>	

---

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / *rapporteur:* AMERY, Paul ORANGE PCS LTD  
*freeze\_meeting:* tbd *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-17	16/09/2002	1 . 0 . 0	SP-020568	<a href="#">get it</a>	<i>remarks - general:</i> Cf work item 'Generic user profile'
SP-19		2 . 0 . 0	SP-030036	<a href="#">get it</a>	<i>remarks - this release:</i> SP-17: Expected for SP-18.
SP-19	25/03/2003	6 . 0 . 0		<a href="#">get it</a>	
SP-21	30/09/2003	6 . 1 . 0		<a href="#">get it</a>	

---

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S1 / *rapporteur:* WOOD, Nicholas Openwave Systems (N.I.) Ltd  
*freeze\_meeting:* SP-18 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

draft ex Kobe	29/07/2003	0 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> SP-18: Stages 2 & 3 to be done by OMA.
SP-15	19/03/2002	1 . 0 . 0	SP-020061	<a href="#">get it</a>	<i>remarks - this release:</i> .
SP-16	04/07/2002	2 . 0 . 0	SP-020261	<a href="#">get it</a>	
SP-16	04/07/2002	6 . 0 . 0		<a href="#">get it</a>	
SP-17	17/09/2002	6 . 1 . 0		<a href="#">get it</a>	
SP-19	25/03/2003	6 . 2 . 0		<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 10

04 December 2003 11:59:31

ACTIVE specs 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 22.243 Speech recognition framework for automated voice services; Stage 1

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S1 / *rapporteur:* WILLIAMS, David Hugh QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-22 *G: yes U: yes* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*  
brought forwards 02/01/2002 1 . 0 . 0 [get it](#) *remarks - general:*  
from Rel-5 *remarks - this release:* Delayed from Rel-5.  
SP-15 27/03/2002 1 . 2 . 0 S1-020114 [get it](#)  
SP-17 19/09/2002 2 . 0 . 0 SP-020572 [get it](#)  
SP-17 16/09/2002 6 . 0 . 0 [get it](#)  
SP-18 18/12/2002 6 . 1 . 0 [get it](#)  
SP-19 25/03/2003 6 . 2 . 0 [get it](#)  
SP-20 18/06/2003 6 . 3 . 0 [get it](#)  
SP-21 30/09/2003 6 . 4 . 0 [get it](#)

---

## TS 22.246 Multimedia Broadcast/Multicast Service (MBMS) teleservice requirements

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S1 / *rapporteur:* CURCIO, Igor NOKIA Corporation  
*freeze\_meeting:* *G: yes U: yes* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*  
SP-21 29/09/2003 1 . 0 . 0 SP-030511 [get it](#) *remarks - general:* SP-20: WID = SP-030347.  
*remarks - this release:* .

---

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* KALLIOKULJU, Juha NOKIA MOBILE PHONES  
*freeze\_meeting:* SP-22 *G: U: yes* *MCC:* CLAYTON, Michael

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

---

## TS 22.340 IP Multimedia Subsystem (IMS) messaging; Stage 1

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / *rapporteur:* KALLIOKULJU, Juha NOKIA MOBILE PHONES  
*freeze\_meeting:* SP-22 *G: U: yes* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*  
SP-18 18/12/2002 2 . 0 . 0 SP-020671 [get it](#) *remarks - general:* 2002-10-08: created from 22.940.  
SP-18 18/12/2002 6 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-19 25/03/2003 6 . 1 . 0 [get it](#)

---

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

# 3GPP specification status

Page 11

04 December 2003 11:59:32

ACTIVE specs 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 22.800 IP Multimedia Subsystem (IMS) subscription and access scenarios

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* FRANK, Robert TeliaSonera AB  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

S1-18	0 . 0 . 5	S1-022295	<a href="#">get it</a>	<i>remarks - general:</i>
SP-18	20/12/2002 0 . 1 . 0	(annex to liaison)	<a href="#">get it</a>	<i>remarks - this release:</i> SP-20: seems difficult to reach agreement; expect it for info at SP-21, simply cleaned up but technically incomplete.
SP-19	24/03/2003 1 . 0 . 0	SP-030037	<a href="#">get it</a>	
SP-21	29/09/2003 2 . 0 . 0	SP-030471	<a href="#">get it</a>	
SP-21	30/09/2003 6 . 0 . 0		<a href="#">get it</a>	

---

## TR 22.857 Run-time independent framework feasibility study

Rel-6 *current version:* 6.0.0 *WG (prime / other):* T2 / *rapporteur:* WOODWARD, Ernest INTEL CORPORATION SARL  
*freeze\_meeting:* SP-22 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-17	30/08/2002 1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>
TP-18	03/12/2002 2 . 0 . 0	TP-020274	<a href="#">get it</a>	<i>remarks - this release:</i> .
TP-18	20/12/2002 6 . 0 . 0		<a href="#">get it</a>	

---

## TR 22.934 Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S1 / - *rapporteur:* PAINT, Frédéric Telenor AS  
*freeze\_meeting:* SP-18 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-15	19/03/2002 1 . 0 . 0	SP-020059	<a href="#">get it</a>	<i>remarks - general:</i>
SP-17	19/09/2002 2 . 0 . 0	SP-020569	<a href="#">get it</a>	<i>remarks - this release:</i> SP-18: tentative conclusion is that no specific stage 1 spec required, just CRs to other specs.
SP-17	16/09/2002 6 . 0 . 0		<a href="#">get it</a>	
SP-18	18/12/2002 6 . 1 . 0		<a href="#">get it</a>	
SP-21	30/09/2003 6 . 2 . 0		<a href="#">get it</a>	

---

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* KALLIOKULJU, Juha NOKIA MOBILE PHONES  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

draft	26/03/2002 0 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact,
draft	19/07/2002 0 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact,

unwithdrawn and approved!

unwithdrawn and approved!

SP-16	19/07/2002 0 . 2 . 0		<a href="#">get it</a>	
SP-17	16/09/2002 1 . 0 . 0	SP-020567	<a href="#">get it</a>	
SP-18	18/12/2002 2 . 0 . 0	SP-020670	<a href="#">get it</a>	
SP-18	18/12/2002 6 . 0 . 0		<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 12

04 December 2003 11:59:32

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

---

<b>TR 22.949</b>	<b>Study on a generalized privacy capability</b>								
Rel-6	<i>current version:</i> 0.3.0	DRAFT	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARRAHAN, James	Telcordia Technologies, Inc.				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	S1-20	25/06/2003	0 . 1 . 0	S1-030498		<a href="#">get it</a>	<i>remarks - general:</i> WI: PrivCap.		
	draft	10/10/2003	0 . 3 . 0	S1-030932		<a href="#">get it</a>	<i>remarks - this release:</i> .		
<hr/>									
<b>TR 22.950</b>	<b>Priority service feasibility study</b>								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARRAHAN, James	Telcordia Technologies, Inc.				
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	SP-15	19/03/2002	1 . 0 . 0	SP-020060		<a href="#">get it</a>	<i>remarks - general:</i> Additional rapporteur: B Pramanik (Telcordia). Work item = PRIOR.		
	draft		1 . 1 . 0				<i>remarks - this release:</i> .		
	SP-16	04/07/2002	2 . 0 . 0	SP-020260		<a href="#">get it</a>			
	SP-16	04/07/2002	6 . 0 . 0			<a href="#">get it</a>			
	SP-18	18/12/2002	6 . 1 . 0			<a href="#">get it</a>			
	SP-19	25/03/2003	6 . 2 . 0			<a href="#">get it</a>			
<hr/>									
<b>TR 22.951</b>	<b>Service aspects and requirements for network sharing</b>								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ZARRI, Michele	T-Mobile (UK) Ltd				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	draft		0 . 0 . 0	S1-020342			<i>remarks - general:</i>		
	SP-17	16/09/2002	1 . 0 . 0	SP-020565		<a href="#">get it</a>	<i>remarks - this release:</i> TP-16: anticipate v1.0.0 at TP-17.		
	SP-18	18/12/2002	2 . 0 . 0	SP-020668		<a href="#">get it</a>			
	SP-18	18/12/2002	6 . 0 . 0			<a href="#">get it</a>			
	SP-19	25/03/2003	6 . 1 . 0			<a href="#">get it</a>			
<hr/>									
<b>TR 22.952</b>	<b>Priority service guide</b>								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARRAHAN, James	Telcordia Technologies, Inc.				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	SP-21	29/09/2003	1 . 0 . 0	SP-030470		<a href="#">get it</a>	<i>remarks - general:</i> Work item = PRIOR.		
							<i>remarks - this release:</i> SP-21: S2: "No stage 2 TS needed." Target is to approve at SP-22.		

---

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

# 3GPP specification status

Page 13

04 December 2003 11:59:32

ACTIVE specs 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 22.977 Feasibility study for speech-enabled services

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd  
*freeze\_meeting:* SP-22 *G:* U: yes *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
S1-14 0 . 0 . 0 *remarks - general:*  
S1-15 0 . 1 . 0 *remarks - this release:* .  
S1 SES 0 . 2 . 0  
S1 SES 0 . 3 . 0  
SP-16 04/07/2002 1 . 0 . 0 SP-020259 [get it](#)  
SP-17 19/09/2002 2 . 0 . 0 SP-020570 [get it](#)  
SP-17 16/09/2002 6 . 0 . 0 [get it](#)

---

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 23.002 Network architecture

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
SP-19 27/03/2003 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5  
correct cover sheet 31/03/2003 6 . 0 . 1 [get it](#) *remarks - this release:* .  
post SP-19  
SP-20 20/06/2003 6 . 1 . 0 [get it](#)  
SP-21 01/10/2003 6 . 2 . 0 [get it](#)

---

---

## TS 23.003 Numbering, Addressing and Identification

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-21 09/10/2003 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 14

04 December 2003 11:59:33

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

---

<b>TS 23.011</b>	<b>Technical realization of Supplementary Services</b>					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-19 04/04/2003 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 23.016</b>	<b>Subscriber data management; Stage 2</b>					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-19 04/04/2003 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 23.018</b>	<b>Basic Call Handling; Technical realization</b>					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-21 09/10/2003 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 23.038</b>	<b>Alphabets and language-specific information</b>					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	TP-21 03/10/2003 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 23.040</b>	<b>Technical realization of Short Message Service (SMS)</b>					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	TP-17 18/09/2002 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	2003-12-03: Note that this spec also contains stage 3.		
	post TP-17: adds 24/09/2002 6 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
	test vector file					
	TP-20 26/06/2003 6 . 1 . 0	<a href="#">get it</a>				
	TP-21 08/10/2003 6 . 2 . 0	<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 15

04 December 2003 11:59:33

ACTIVE specs 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 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-6 *current version:* 6.1.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-22 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
TP-17 18/09/2002 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
TP-19 25/03/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

---

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd  
*freeze\_meeting:* SP-22 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
TP-16 28/06/2002 6 . 0 . 0 [get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.  
TP-17 18/09/2002 6 . 1 . 0 [get it](#) *remarks - this release:* .  
TP-21 14/10/2003 6 . 2 . 0 [get it](#)

---

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd  
*freeze\_meeting:* *G: yes U: yes* *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
SP-19 27/03/2003 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-20 20/06/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .  
SP-21 01/10/2003 6 . 2 . 0 [get it](#)

---

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

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

---

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-19 04/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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



# 3GPP specification status

Page 16

04 December 2003 11:59:33

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

---

<b>TS 23.127</b>	<b>Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2</b>								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	GOURRAUD, Christophe	ERICSSON RESEARCH CANADA			
	<i>freeze_meeting:</i> SP-22	G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	SP-18 10/01/2003 6 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>	Sept 00: "Open Service Architecture" removed from title.				
				<i>remarks - this release:</i>	SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".				
<hr/>									
<b>TS 23.140</b>	<b>Multimedia Messaging Service (MMS); Functional description; Stage 2</b>								
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	LAUMEN, Josef	SIEMENS AG			
	<i>freeze_meeting:</i> SP-22	G: yes	U: yes	<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	TP-18 20/12/2002 6 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>	2003-12-03: Note that this spec also contains stage 3.				
	TP-19 31/03/2003 6 . 1 . 0	<a href="#">get it</a>		<i>remarks - this release:</i>	.				
	TP-20 26/06/2003 6 . 2 . 0	<a href="#">get it</a>							
	TP-21 08/10/2003 6 . 3 . 0	<a href="#">get it</a>							
<hr/>									
<b>TS 23.141</b>	<b>Presence service; Architecture and functional description; Stage 2</b>								
Rel-6	<i>current version:</i> 6.4.0	<i>WG (prime / other):</i>	S2 /	<i>rapporteur:</i>	MAANSAARI, Kirsi	NOKIA KOREA			
	<i>freeze_meeting:</i> SP-22	G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	draft 17/06/2002 0 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>					
	SP-17 04/10/2002 1 . 0 . 0	<a href="#">get it</a>		<i>remarks - this release:</i>	.				
	SP-17 07/10/2002 6 . 0 . 0	<a href="#">get it</a>			Many editorial corrections needed before fit for SDO publication.				
	SP-18 10/01/2003 6 . 1 . 0	<a href="#">get it</a>							
	SP-19 27/03/2003 6 . 2 . 0	<a href="#">get it</a>							
	SP-20 20/06/2003 6 . 3 . 0	<a href="#">get it</a>							
	SP-21 01/10/2003 6 . 4 . 0	<a href="#">get it</a>							
<hr/>									
<b>TS 23.174</b>	<b>Push service; stage 2</b>								
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i>	S2 /	<i>rapporteur:</i>	WOLAK, Stephen	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-22	G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
				<i>remarks - general:</i>	Rapporteur: "note that there are currently no plans for a Push stage 2 but it is good to reserve the number just in case ...".				
				<i>remarks - this release:</i>	SP-17: Rel-5 -> Rel-6 to accord with stage 1.				

---

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

# 3GPP specification status

Page 17

04 December 2003 11:59:34

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

---

<b>TS 23.207</b>	<b>End-to-end Quality of Service (QoS) concept and architecture</b>								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OYAMA, Johnson		Nippon Ericsson K.K.			
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	SP-21 01/10/2003 6 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
<b>TS 23.209</b>	<b>Policy control over Gq interface</b>								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> N3 /	<i>rapporteur:</i> SILLANPÄÄ, Anna		NOKIA Corporation			
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version, comments):</i>								
								<i>remarks - general:</i>	WI = IMS Phase 2 (UID 32021)
								<i>remarks - this release:</i>	.
<hr/>									
<b>TS 23.221</b>	<b>Architectural requirements</b>								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth		Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	SP-19 27/03/2003 6 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>	Derived from R99-specific 23.121
	SP-21 01/10/2003 6 . 1 . 0						<a href="#">get it</a>	<i>remarks - this release:</i>	.
<hr/>									
<b>TS 23.228</b>	<b>IP Multimedia Subsystem (IMS); Stage 2</b>								
Rel-6	<i>current version:</i> 6.3.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> TOWLE, Thomas		Lucent Technologies			
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	SP-18 07/01/2003 6 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>	
	edito post SP-18 07/01/2003 6 . 0 . 1	corrects Rel shown on front cover.					<a href="#">get it</a>	<i>remarks - this release:</i>	SP-21: Envisage modifications to cater for PoC feature.
	SP-19 27/03/2003 6 . 1 . 0						<a href="#">get it</a>		
	SP-20 23/06/2003 6 . 2 . 0						<a href="#">get it</a>		
	SP-21 01/10/2003 6 . 3 . 0						<a href="#">get it</a>		

---

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

# 3GPP specification status

Page 18

04 December 2003 11:59:34

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

---

<b>TS 23.234</b>	<b>3GPP system to Wireless Local Area Network (WLAN) interworking; System description</b>									
Rel-6	<i>current version:</i> 2.3.0	DRAFT		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> YOON, Sang-Ui	KT Freetel Co., Ltd.				
	<i>freeze_meeting:</i> SP-22			<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>									
	conversion from	0 . 1 . 0					<i>remarks - general:</i>			
	23.934 v0.5.0						<i>remarks - this release:</i> SP-18: Anticipate approval SP-19. SP-19: Doc has been split into scenario 2 and scenario 3 parts, and will be for approval at SP-20.			
	SP-17	04/10/2002	1 . 0 . 0	SP-020537 Title on doc does not coincide with database (which bears same title as 23.934).	<a href="#">get it</a>					
	draft	06/01/2003	1 . 2 . 1		<a href="#">get it</a>					
	draft	08/01/2003	1 . 3 . 0		<a href="#">get it</a>					
	SP-19	24/03/2003	1 . 6 . 0	Annexed to LS in SP-030065 (ex S2-030727),	<a href="#">get it</a>					
	S2-31		1 . 7 . 0							
	draft	25/04/2003	1 . 8 . 0		<a href="#">get it</a>					
	SP-20	17/06/2003	1 . 10 . 0	SP-030313	<a href="#">get it</a>					
	S2-34		1 . 14 . 0							
	SP-21	29/09/2003	2 . 0 . 0	SP-030391. Not approved - many outstanding issues (no. of scenarios, tunnelling, ...)	<a href="#">get it</a>					
	SP-22	02/12/2003	2 . 3 . 0	S2-034357	<a href="#">get it</a>					

---

<b>TS 23.240</b>	<b>3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)</b>									
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> UZQUIANO, Nacho	TELEFONICA DE ESPAÑA SA				
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>									
	SP-19	24/03/2003	1 . 0 . 0	S2-030944 -> SP-030031	<a href="#">get it</a>	<i>remarks - general:</i> Cf work item 'Generic user profile'				
	S2-31	22/04/2003	1 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> SP-19: moved from Rel-5				
	S2-32	26/05/2003	1 . 2 . 0	S2-032170	<a href="#">get it</a>					
	SP-20	26/05/2003	2 . 0 . 0	S2-032171 -> SP-030310	<a href="#">get it</a>					
	SP-20	20/06/2003	6 . 0 . 0		<a href="#">get it</a>					
	SP-21	01/10/2003	6 . 1 . 0		<a href="#">get it</a>					

---

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

# 3GPP specification status

Page 19

04 December 2003 11:59:34

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

Rel-6 *current version:* 0.4.3 DRAFT *WG (prime / other):* T2 / *rapporteur:* BISCHINGER, Kurt T-Mobile AUSTRIA GmbH  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

draft 28/05/2002 0 . 3 . 0  
draft 0 . 3 . 1  
draft 0 . 3 . 2  
draft 0 . 3 . 3  
draft 0 . 3 . 4  
draft 0 . 3 . 5  
draft 0 . 4 . 0  
draft 0 . 4 . 1  
draft 0 . 4 . 2  
draft 12/09/2003 0 . 4 . 3

[get it](#)

*remarks - general:* Cf work item 'Generic user profile'  
*remarks - this release:* RP-15: Delayed from Rel-5.

[get it](#)

---

## TS 23.246 Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S2 / *rapporteur:* JARVIS, Andre 3  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

draft 0 . 0 . 0  
S2-27 14/11/2002 0 . 1 . 0  
S2-28 0 . 2 . 0  
add TS number 18/12/2002 0 . 2 . 1  
S2-29 24/02/2003 0 . 3 . 0  
S2-30 0 . 4 . 0  
  
S2-31 29/04/2003 0 . 5 . 0  
S2-32 0 . 6 . 0  
SP-20 17/06/2003 1 . 0 . 0  
S2-33 17/07/2003 1 . 1 . 0  
S2-34 1 . 2 . 0  
editorial 1 . 2 . 1  
SP-21 29/09/2003 2 . 0 . 0  
SP-21 08/10/2003 6 . 0 . 0

[get it](#)

*remarks - general:* Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in 23.846.  
*remarks - this release:* SP-15: from Rel-5.

[get it](#)

[get it](#)

SP-19: was to have been SP-030128 but never presented (withdrawn unseen from mtg)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

# 3GPP specification status

Page 20

04 December 2003 11:59:35

ACTIVE specs 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 23.271 Location Services (LCS); Functional description; Stage 2

Rel-6 *current version:* 6.5.0 *DRAFT* *WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation  
*freeze\_meeting:* SP-22 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
SP-16 18/06/2002 6 . 0 . 0 [get it](#) *remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards.  
SP-17 02/10/2002 6 . 1 . 0 [get it](#) *remarks - this release:* Continues 23.871  
SP-18 09/01/2003 6 . 2 . 0 [get it](#)  
SP-19 27/03/2003 6 . 3 . 0 [get it](#)  
SP-20 23/06/2003 6 . 4 . 0 [get it](#)  
SP-21 02/10/2003 6 . 5 . 0 [get it](#)

---

## TR 23.825 Overall architecture aspects of IP flow based bearer level charging; Stage 2

Rel-6 *current version:* 1.1.0 *DRAFT* *WG (prime / other):* S2 / - *rapporteur:* WILLIAMS, Brian Telefon AB LM Ericsson  
*freeze\_meeting:* *G:* *U:* yes *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
draft 0 . 1 . 0 *remarks - general:*  
S2-29 0 . 2 . 0 *remarks - this release:* .  
S2-30 08/04/2003 0 . 3 . 0 [get it](#)  
S2-31 17/07/2003 0 . 4 . 0 [get it](#)  
draft 0 . 4 . 1  
S2-32 02/06/2003 0 . 5 . 0 [get it](#)  
S2-33 0 . 6 . 0  
draft 24/07/2003 0 . 6 . 1 [get it](#)  
S2-34 01/09/2003 0 . 7 . 0 [get it](#)  
SP-21 11/09/2003 1 . 0 . 0 SP-030389 [get it](#)  
S2-35 07/11/2003 1 . 1 . 0 [get it](#)

---

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

Rel-6 *current version:* 1.0.0 *DRAFT* *WG (prime / other):* S2 / - *rapporteur:* DAMIDAUX, Jean-louis ALCATEL S.A.  
*freeze\_meeting:* *G:* *U:* yes *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
S2-30 0 . 0 . 0 *remarks - general:* WID contained in S2-022472. See also  
S2-31 14/04/2003 0 . 0 . 1 S2-031153 [get it](#) *remarks - this release:* . [http://www.esa.int/export/esaSA/GGGMX650NDC\\_navigation\\_0.html](http://www.esa.int/export/esaSA/GGGMX650NDC_navigation_0.html).  
S2-31 0 . 0 . 2  
S2-31 0 . 1 . 0  
S2-31 0 . 2 . 0  
SP-20 28/05/2003 1 . 0 . 0 SP-030311 [get it](#)

---

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

# 3GPP specification status

Page 21

04 December 2003 11:59:35

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

---

<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: SP-22			G: U: yes		MCC: YOON, Sang-Ui			
	history (event, available, version, comments):								
	SP-16 22/07/2002	2 . 0 . 0	SP-020319	<a href="#">get it</a>		remarks - general:			
	SP-16 25/07/2002	6 . 0 . 0		<a href="#">get it</a>		remarks - this release:		TP-16: clear that service is Rel-6.	
<hr/>									
<b>TR 23.846</b>	<b>Multimedia Broadcast/Multicast Service (MBMS); Stage 2</b>								
Rel-6	current version: 6.1.0			WG (prime / other): S2 /		rapporteur: JARVIS, Andre		3	
	freeze_meeting: SP-22			G: U: yes		MCC: YOON, Sang-Ui			
	history (event, available, version, comments):								
	draft 12/04/2002	0 . 3 . 0		<a href="#">get it</a>		remarks - general:		This is a preparatory report which may result in the creation of a stage 2 TS 23.246.	
	S2-24	0 . 4 . 0				remarks - this release:		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	SP-020361	<a href="#">get it</a>					
	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	SP-020535	<a href="#">get it</a>					
	SP-17 03/10/2002	6 . 0 . 0		<a href="#">get it</a>					
	SP-18 13/01/2003	6 . 1 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 23.851</b>	<b>Network sharing; Architecture and functional description</b>								
Rel-6	current version: 1.1.0		DRAFT	WG (prime / other): S2 /		rapporteur: NILSSON, Ulf		TeliaSonera AB	
	freeze_meeting:			G: U: yes		MCC: YOON, Sang-Ui			
	history (event, available, version, comments):								
	draft	0 . 0 . 0				remarks - general:			
	draft	0 . 1 . 0				remarks - this release:		.	
	S2-32 02/05/2003	0 . 2 . 0	S2-031973	<a href="#">get it</a>					
	S2-33 19/08/2003	0 . 4 . 0		<a href="#">get it</a>					
	S2-33 19/08/2003	0 . 4 . 1		<a href="#">get it</a>					
	draft 29/08/2003	0 . 5 . 0		<a href="#">get it</a>					
	SP-21 29/09/2003	1 . 0 . 0	SP-030388	<a href="#">get it</a>					
	draft 17/11/2003	1 . 1 . 0		<a href="#">get it</a>					

---

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

# 3GPP specification status

Page 22

04 December 2003 11:59:36

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

---

<b>TR 23.864</b>	<b>Commonality and interoperability between IP Multimedia System (IMS) core networks</b>								
Rel-6	current version: 0.6.0	DRAFT	WG (prime / other): S2 / -	rapporteur: BERTENYI, Balazs	NOKIA Corporation				
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, comments):								
	S2-29	03/02/2003	0 . 3 . 1	2003-02-03: Renumbered to 23.864.	<a href="#">get it</a>	remarks - general:	Was briefly 23.964.		
	draft	24/02/2003	0 . 4 . 0		<a href="#">get it</a>	remarks - this release:	.		
	draft	24/02/2003	0 . 4 . 1		<a href="#">get it</a>				
	draft	24/03/2003	0 . 5 . 0		<a href="#">get it</a>				
	S2-31	22/04/2003	0 . 6 . 0	inc S2-031533	<a href="#">get it</a>				
<hr/>									
<b>TR 23.867</b>	<b>Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions</b>								
Rel-6	current version: 0.4.0	DRAFT	WG (prime / other): S2 / -	rapporteur: POIKSELKA, Miikka	NOKIA Corporation				
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, comments):								
	post S2-30	02/04/2003	0 . 0 . 0	based on S2-030911rev7 and S2-030551.	<a href="#">get it</a>	remarks - general:	2003-04-02 Rapporteur: Intention is to transfer this material into 23.002, 23.060 and		
	draft	17/04/2003	0 . 1 . 0		<a href="#">get it</a>	remarks - this release:	. 23.228.		
	post S2-32	17/06/2003	0 . 2 . 0		<a href="#">get it</a>				
	post S2-33	15/07/2003	0 . 3 . 0		<a href="#">get it</a>				
	S2-34	04/09/2003	0 . 4 . 0		<a href="#">get it</a>				
<hr/>									
<b>TR 23.877</b>	<b>Architectural aspects of speech-enabled services</b>								
Rel-6	current version: 0.0.1	DRAFT	WG (prime / other): S2 / -	rapporteur: XUAN, Qing	VODAFONE Group Plc				
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, comments):								
	S2-34	21/08/2003	0 . 0 . 0	S2-033088	<a href="#">get it</a>	remarks - general:	WID = SP-030305.		
	S2-35	03/11/2003	0 . 0 . 1	S2-033558	<a href="#">get it</a>	remarks - this release:	.		
<hr/>									
<b>TR 23.881</b>	<b>Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations</b>								
Rel-6	current version: 0.1.0	DRAFT	WG (prime / other): S2 / -	rapporteur: MILINSKI, Alexander	SIEMENS AG				
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, comments):								
	draft	14/10/2003	0 . 0 . 0		<a href="#">get it</a>	remarks - general:	SP-21: WI = SP-030385		
	S2-35	03/11/2003	0 . 1 . 0		<a href="#">get it</a>	remarks - this release:	.		

---

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

# 3GPP specification status

Page 23

04 December 2003 11:59:36

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

---

## TR 23.895 Provision of UE specific behaviour information to network entities

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
draft 0 . 4 . 0 *remarks - general:*  
SP-18 10/01/2003 1 . 0 . 0 SP-020797 for approval [get it](#) *remarks - this release:* .  
SP-18 13/01/2003 6 . 0 . 0 Anticipate CR next mtg to clarify that this [get it](#)  
is not a loophole to allow untested UEs to  
be placed on the market.  
SP-19 27/03/2003 6 . 1 . 0 [get it](#)  
SP-20 20/06/2003 6 . 2 . 0 [get it](#)

---

## TR 23.917 Dynamic policy control enhancements for End to end Quality of Service (QoS)

Rel-6 *current version:* 1.1.1 DRAFT *WG (prime / other):* S2 / - *rapporteur:* MOUSSET, Claire NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-18 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
draft 07/08/2002 0 . 0 . 0 [get it](#) *remarks - general:* Work Item: SP-020140  
draft 24/09/2002 0 . 1 . 0 [get it](#) *remarks - this release:* .  
draft 24/09/2002 0 . 2 . 0 [get it](#)  
draft 14/11/2002 0 . 3 . 0 [get it](#)  
draft 14/11/2002 0 . 3 . 1 [get it](#)  
S2-28 16/12/2002 0 . 4 . 0 [get it](#)  
draft 16/12/2002 0 . 4 . 1 [get it](#)  
S2-29 13/02/2003 0 . 5 . 0 [get it](#)  
S2-29 13/02/2003 0 . 5 . 1 [get it](#)  
S2-30 29/04/2003 0 . 6 . 0 [get it](#)  
S2-31 22/04/2003 0 . 7 . 0 includes S2-031354, S2-031534, [get it](#)  
S2-031598  
S2-33 24/07/2003 0 . 9 . 0 [get it](#)  
S2-34 02/09/2003 0 . 10 . 0 [get it](#)  
SP-21 11/09/2003 1 . 0 . 0 SP-030386 [get it](#)  
S2-35 12/11/2003 1 . 1 . 0 [get it](#)  
draft 17/11/2003 1 . 1 . 1 [get it](#)

---

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



# 3GPP specification status

Page 24

04 December 2003 11:59:37

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

---

<b>TR 23.934</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: PAINT, Frédéric	Telenor AS				
	freeze_meeting: SP-18		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, comments):								
	S2-24	07/05/2002	0 . 1 . 0	<a href="#">get it</a>	remarks - general:				
	SP-17	24/09/2002	1 . 0 . 0	<a href="#">get it</a>	remarks - this release:	2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.			
<hr/>									
<b>TR 23.976</b>	<b>Push architecture</b>								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S2 / -	rapporteur: ALFANO, Nicholas	Research In Motion Limited				
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, comments):								
	S2-29		0 . 0 . 0		remarks - general:	2003-02-04: 23.876 -> 23.976			
	S2-29	03/02/2003	0 . 0 . 1	<a href="#">get it</a>	remarks - this release:	.			
	draft	24/02/2003	0 . 1 . 0	<a href="#">get it</a>					
	draft	24/03/2003	0 . 2 . 0	<a href="#">get it</a>					
	S2-31	05/05/2003	0 . 3 . 0	<a href="#">get it</a>					
	S2-32	27/05/2003	0 . 4 . 0	<a href="#">get it</a>					
	S2-33	30/07/2003	0 . 5 . 0	<a href="#">get it</a>					
	SP-21	29/09/2003	1 . 0 . 0	<a href="#">get it</a>					SP-030387
<hr/>									
<b>TR 23.977</b>	<b>Bandwidth and resource savings (BARS) and speech enhancements for Circuit Switched (CS) networks</b>								
Rel-6	current version: 0.3.0	DRAFT	WG (prime / other): S2 / -	rapporteur: SEISER, Franz	T-Mobile AUSTRIA GmbH				
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, comments):								
	S2-33		0 . 0 . 0		remarks - general:	Work Item: Bandwidth and Resource savings and Speech enhancements for CS			
	S2-33	30/07/2003	0 . 1 . 0	<a href="#">get it</a>	remarks - this release:	. networks (S2-032137)			
	draft	30/07/2003	0 . 1 . 1	<a href="#">get it</a>					Corrects number on cover page!
	S2-34	26/09/2003	0 . 2 . 0	<a href="#">get it</a>					
	S2-35	12/11/2003	0 . 3 . 0	<a href="#">get it</a>					S2-033741
<hr/>									
<b>TR 23.979</b>	<b>3GPP enablers for Push-to-taks over Cellular (PoC) services; Stage 2</b>								
Rel-6	current version: 0.1.0	DRAFT	WG (prime / other): S2 / -	rapporteur: SULTANA, Shabnam	Telefon AB LM Ericsson				
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, comments):								
	draft	20/10/2003	0 . 0 . 0	<a href="#">get it</a>	remarks - general:	SP-21: WI = SP-030540			
	post S2-35		0 . 1 . 0		remarks - this release:	.			

---

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

# 3GPP specification status

Page 25

04 December 2003 11:59:37

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

Rel-6 24 .- series Server location: [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-6 *current version:* 6.2.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* *G: yes U: yes* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
NP-19 24/03/2003 6 . 0 . 0 [get it](#) *remarks - general:*  
NP-20 04/07/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .  
NP-21 09/10/2003 6 . 2 . 0 [get it](#)

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N1 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* *G: yes U: yes* *MCC:* Skov  
JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
NP-21 10/10/2003 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
*remarks - this release:* .

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-19 04/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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

Rel-6 *current version:* 0.2.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK  
*freeze\_meeting:* *G: yes U: yes* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
draft 0 . 0 . 1 *remarks - general:* WI = PRSNC (UID 2499)  
draft 0 . 0 . 2 *remarks - this release:* .  
N1-31 0 . 0 . 3  
N1-31 11/09/2003 0 . 1 . 0 [get it](#)  
N1-32 12/11/2003 0 . 2 . 0 [get it](#)

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

# 3GPP specification status

Page 26

04 December 2003 11:59:37

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

---

<b>TS 24.147</b>	<b>Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3</b>										
Rel-6	current version: 0.1.0	DRAFT	WG (prime / other):	N1 /	rapporteur:	MAYER, Georg	NOKIA Corporation				
	freeze_meeting:		G: U: yes		MCC:	JORGENSEN, Per Johan					
	history (event, available, version, comments):										
	draft	0 . 0 . 1			remarks - general:	2003-06: WID is NP-030286 = IMS-CCR-E					
	draft	0 . 0 . 2			remarks - this release:	.					
	draft	30/06/2003	0 . 0 . 3								
	draft	30/06/2003	0 . 0 . 4	technically identical to v003 but has the number on the front cover						<a href="#">get it</a>	
										<a href="#">get it</a>	
	draft	10/07/2003	0 . 0 . 5							<a href="#">get it</a>	
	draft	12/09/2003	0 . 1 . 0							<a href="#">get it</a>	
<hr/>											
<b>TS 24.229</b>	<b>Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3</b>										
Rel-6	current version: 6.0.0		WG (prime / other):	N1 / -	rapporteur:	DRAGE, Keith	Lucent Technologies Network Systems UK				
	freeze_meeting:		G: yes U: yes		MCC:	JORGENSEN, Per Johan					
	history (event, available, version, comments):										
	NP-21	29/09/2003	6 . 0 . 0							<a href="#">get it</a>	remarks - general: NP-14: confirmed that this is appropriate for GSM as well as UMTS.
											remarks - this release: .
<hr/>											
<b>TS 24.234</b>	<b>3GPP system to Wireless Local Area Network (WLAN) interworking; User Equipment (UE) to network protocols; Stage 3</b>										
Rel-6	current version: 0.2.0	DRAFT	WG (prime / other):	N1 / -	rapporteur:	CARRIÓN, Inmaculada	NOKIA Corporation				
	freeze_meeting:		G: U: yes		MCC:	JORGENSEN, Per Johan					
	history (event, available, version, comments):										
	N1-31	0 . 0 . 1			remarks - general:						
	N1-31	29/09/2003	0 . 1 . 0		remarks - this release:	.					
	N1-32	12/11/2003	0 . 2 . 0							<a href="#">get it</a>	
										<a href="#">get it</a>	
<hr/>											
<b>TS 24.241</b>	<b>3GPP Generic User Profile (GUP) Common objects; Stage 3</b>										
Rel-6	current version: 0.5.0	DRAFT	WG (prime / other):	T2 /	rapporteur:	SOOD, Prem	SHARP Corporation				
	freeze_meeting: SP-22		G: U: yes		MCC:	RODERMUND, Friedhelm					
	history (event, available, version, comments):										
	draft	28/05/2002	0 . 3 . 0		remarks - general:	Cf work item 'Generic user profile' - may be renumbered to 27.241					
	draft	12/09/2003	0 . 4 . 3		remarks - this release:	2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.					
	draft	03/11/2003	0 . 5 . 0	T2-030570						<a href="#">get it</a>	
										<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 27

04 December 2003 11:59:38

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

---

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

Rel-6 *current version:* 0.2.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* MAYER, Georg NOKIA Corporation  
*freeze\_meeting:* G: U: yes *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
draft 19/08/2003 0 . 0 . 0 [get it](#) *remarks - general:* 2003-06: WID is NP-030286 = IMS-CCR-E  
draft 10/10/2003 0 . 1 . 0 [get it](#) *remarks - this release:* .  
draft 04/12/2003 0 . 2 . 0

---

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

Rel-6 *current version:* 1.1.2 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, comments):*  
draft 0 . 0 . 0 *remarks - general:*  
N1-25 0 . 0 . 1 *remarks - this release:* .  
N1-26 17/09/2002 0 . 1 . 0 [get it](#)  
N1-26 03/10/2002 0 . 2 . 0 [get it](#)  
N1-26bis 14/11/2002 0 . 3 . 0 [get it](#)  
N1-27 17/01/2003 0 . 4 . 0 N1-030010 [get it](#)  
N1-28 04/03/2003 0 . 5 . 0 [get it](#)  
N1-29 06/05/2003 0 . 6 . 0 [get it](#)  
NP-20 02/06/2003 1 . 0 . 0 NP-030303 [get it](#)  
draft 26/09/2003 1 . 1 . 0 [get it](#)  
draft 29/09/2003 1 . 1 . 1 [get it](#)  
post N1-31 08/10/2003 1 . 1 . 2 [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 User Equipment (UE) radio transmission and reception (FDD)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd  
*freeze\_meeting:* SP-22 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version, comments):*  
RP-19 04/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*  
RP-20 27/06/2003 6 . 1 . 0 [get it](#) *remarks - this release:* RP-16 agreed not to implement the CR creating this Release.  
RP-21 29/09/2003 6 . 2 . 0 [get it](#)

---

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

# 3GPP specification status

Page 28

04 December 2003 11:59:38

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

---

<b>TS 25.104</b>	<b>Base Station (BS) radio transmission and reception (FDD)</b>								
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i>	R4 / -	<i>rapporteur:</i>	SKÖLD, Johan	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-22	<i>G:</i>		<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-18	10/01/2003	6 . 0 . 0	Early ETSI publication because referenced in SCP publications.	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-19	04/04/2003	6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.		
	RP-20	27/06/2003	6 . 2 . 0		<a href="#">get it</a>				
	RP-21	29/09/2003	6 . 3 . 0		<a href="#">get it</a>				
<hr/>									
<b>TS 25.133</b>	<b>Requirements for support of radio resource management (FDD)</b>								
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i>	R4 / -	<i>rapporteur:</i>	GUERRINI, Claudio	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-22	<i>G:</i>		<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-18	10/01/2003	6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-19	04/04/2003	6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.		
	RP-20	01/07/2003	6 . 2 . 0		<a href="#">get it</a>				
	RP-21	10/10/2003	6 . 3 . 0		<a href="#">get it</a>				
<hr/>									
<b>TS 25.141</b>	<b>Base Station (BS) conformance testing (FDD)</b>								
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i>	R4 / -	<i>rapporteur:</i>	NAKAMURA, Takaharu	Fujitsu Limited			
	<i>freeze_meeting:</i> SP-22	<i>G:</i>		<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-18	10/01/2003	6 . 0 . 0	Early ETSI publication because referenced in SCP publications.	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-19	04/04/2003	6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.		
	RP-20	27/06/2003	6 . 2 . 0		<a href="#">get it</a>				
	RP-21	29/09/2003	6 . 3 . 0		<a href="#">get it</a>				
<hr/>									
<b>TS 25.331</b>	<b>Radio Resource Control (RRC) protocol specification</b>								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	R2 / -	<i>rapporteur:</i>	KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	<i>freeze_meeting:</i>	<i>G:</i>		<i>MCC:</i>	ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	RP-21		6 . 0 . 0	RP-21: Will not be produced till more substantive CRs are approved or until Release is frozen.		<i>remarks - general:</i>			
						<i>remarks - this release:</i>	Created by CR at RP-21, but will not be created until more substantive CRs are required. (Saves on maintenance work.)		

---

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

# 3GPP specification status

Page 29

04 December 2003 11:59:38

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

Rel-6 *current version:* 2.4.0 DRAFT *WG (prime / other):* R2 / - *rapporteur:* PIRSKANEN, Juho NOKIA Corporation  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

R2-31		0 . 0 . 1	R2-021846		<i>remarks - general:</i>
R2-32		0 . 1 . 0	R2-020590		<i>remarks - this release:</i> .
R2 / R3 MBMS ad hoc	14/10/2002	1 . 1 . 0	R2-030006	<a href="#">get it</a>	
draft	23/01/2003	1 . 2 . 0		<a href="#">get it</a>	
draft	03/02/2003	1 . 3 . 0		<a href="#">get it</a>	
R2-34		1 . 4 . 0	R2-030122		
R2-35		1 . 5 . 0	R2-030707		
R2 / R3 MBMS ad hoc	21/05/2003	1 . 6 . 0	R2-030882	<a href="#">get it</a>	
RP-20	02/06/2003	2 . 0 . 0	RP-030309 - not approved	<a href="#">get it</a>	
draft		2 . 0 . 1	mods based on v2.0.0 so this version not uploaded (invalid) because v2.1.0 already available		
R3-37	19/08/2003	2 . 1 . 0	cleaned up draft from MCC	<a href="#">get it</a>	
R3-38	03/11/2003	2 . 3 . 0		<a href="#">get it</a>	
R3-39	26/11/2003	2 . 4 . 0	various draft versions of v2.4.0 were circulated on R2 exploder	<a href="#">get it</a>	

---

## TS 25.401 UTRAN overall description

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R3 / - *rapporteur:* GODIN, Philippe NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* *G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

RP-19	26/03/2003	6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Approval at TSG#5
RP-20	17/06/2003	6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .

---

## TS 25.450 UTRAN Iu-CS interface general aspects and principles

Rel-6 *current version:* 6.0.0 *WG (prime / other):* R3 / *rapporteur:* JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* *G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

RP-19	26/03/2003	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 access.

# 3GPP specification status

Page 30

04 December 2003 11:59:39

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

---

<b>TS 25.452</b>	<b>UTRAN IuCS interface: signalling transport</b>						
Rel-6	current version: 6.0.0		WG (prime / other): R3 /	rapporteur: JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.		
	freeze_meeting:		G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version, comments):						
	RP-19 26/03/2003 6 . 0 . 0		<a href="#">get it</a>	remarks - general:			
				remarks - this release: .			
<hr/>							
<b>TS 25.453</b>	<b>UTRAN IuCS interface Positioning Calculation Application Part (PCAP) signalling</b>						
Rel-6	current version: 6.2.0		WG (prime / other): R3 /	rapporteur: JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.		
	freeze_meeting:		G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version, comments):						
	RP-19 26/03/2003 6 . 0 . 0		<a href="#">get it</a>	remarks - general:			
	RP-20 17/06/2003 6 . 1 . 0		<a href="#">get it</a>	remarks - this release: .			
	RP-21 30/09/2003 6 . 2 . 0		<a href="#">get it</a>				
<hr/>							
<b>TR 25.801</b>	<b>Feasibility study for improved access to User Equipment (UE) measurement data for Controlling Radio Network Controller (CRNC) to support Time Division Duplex (TDD) Radio</b>						
Rel-6	current version: Resource Management (RRM)	6.0.0	WG (prime / other): R3	rapporteur: MILLER, James			
	INTERDIGITAL COMMUNICATIONS CORPORATION						
	freeze_meeting:		G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version, comments):						
	RP-20 17/06/2003 1 . 0 . 0	RP-030342	<a href="#">get it</a>	remarks - general:			
	RP-21 26/09/2003 2 . 0 . 0	RP-030425	<a href="#">get it</a>	remarks - this release: .			
	RP-21 30/09/2003 6 . 0 . 0		<a href="#">get it</a>				
<hr/>							
<b>TR 25.803</b>	<b>S-CCPCH performance for MBMS</b>						
Rel-6	current version: 1.2.0	DRAFT	WG (prime / other): R1 /	rapporteur: MALLADI, Durga	QUALCOMM EUROPE S.A.R.L.		
	freeze_meeting:		G: U: yes	MCC: SASAKI, Tsukasa			
	history (event, available, version, comments):						
	R1-33 0 . 0 . 1			remarks - general:			
	R1-33 11/09/2003 0 . 0 . 2		<a href="#">get it</a>	remarks - this release: 2003-06-25: anticipate approval at RP-22.			
post	R1-33 13/09/2003 0 . 1 . 0	R1-030950	<a href="#">get it</a>				
	RP-21 29/09/2003 1 . 0 . 0	RP-030535	<a href="#">get it</a>				
	R1-34 1 . 1 . 0						
	R1-35 24/11/2003 1 . 1 . 1	R1-031412	<a href="#">get it</a>				
	R1-35 02/12/2003 1 . 2 . 0	R1-031413 (R1-35)	<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 31

04 December 2003 11:59:39

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

---

<b>TR 25.804</b>	<b>Feasibility study on uplink enhancements for UTRA TDD</b>								
Rel-6	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> RUDOLF, Marian	INTERDIGITAL COMMUNICATIONS CORPORATION				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	R1-33	05/09/2003	0 . 0 . 1	R1-030940	<a href="#">get it</a>	<i>remarks - general:</i>	2003-09-04: anticipated approval at RP-223. WI = RInImp-FSUpEnhTDD.		
						<i>remarks - this release:</i>	.		
<hr/>									
<b>TR 25.805</b>	<b>DS-CDMA introduction in the 800 MHz band</b>								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> NAKAMURA, Takehiro	NTT DoCoMo Inc.				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								
						<i>remarks - general:</i>	WI = RInImp-UMTS800 (UID 24009)		
						<i>remarks - this release:</i>	.		
<hr/>									
<b>TR 25.806</b>	<b>UMTS 1700/2100MHz and UMTS 850MHz Work Items</b>								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> NUMMINEN, Jussi	NOKIA Corporation				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								
						<i>remarks - general:</i>	WI = RInImp-UMTS850 (UID 24007) & RInImp-UMTS1721 (UID 24010)		
						<i>remarks - this release:</i>	.		
<hr/>									
<b>TR 25.852</b>	<b>lu enhancements for IP Multimedia (IMS) support in UTRAN</b>								
Rel-6	<i>current version:</i> 0.0.0	DRAFT	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> GODIN, Philippe	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version, comments):</i>								
	RP-11	06/04/2001	0 . 0 . 0	Inherited from Rel-4.	<a href="#">get it</a>	<i>remarks - general:</i>	2003-09-08: Title changed from "Radio access bearer support enhancements for the		
						<i>remarks - this release:</i>	. lu".		
<hr/>									
<b>TR 25.867</b>	<b>Feasibility study for wideband distribution systems in 3rd generation networks</b>								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MATARASSO, Carlo	TEKMAR Sistemi Srl an Andrew Company				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								
	RP-14	02/01/2002	1 . 0 . 0	inherited from Rel-5	<a href="#">get it</a>	<i>remarks - general:</i>	2003-11-28: WG secretary reports: Timed out of Rel-5, moved to Rel-6.		
						<i>remarks - this release:</i>	.		

---

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



# 3GPP specification status

Page 32

04 December 2003 11:59:39

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

---

<b>TR 25.869</b>	<b>Transmitter diversity solutions for multiple antennas</b>								
Rel-6	<i>current version:</i> 1.2.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KIM, Sung-Jin	Samsung Electronics Ind. Co., Ltd.				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	RP-15	19/03/2002	1 . 0 . 2	RP-020130 - RP-20: to Rel-6	<a href="#">get it</a>	<i>remarks - general:</i>			
	draft		1 . 1 . 0			<i>remarks - this release:</i>	.		
	draft		1 . 1 . 1						
	draft	30/09/2003	1 . 2 . 0	R1-030946	<a href="#">get it</a>				
<hr/>									
<b>TR 25.876</b>	<b>Multiple Input Multiple Output (MIMO) Antennae in UTRA</b>								
Rel-6	<i>current version:</i> 1.2.0	DRAFT	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> HUANG, Howard	Lucent Technologies				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	R1-34	03/11/2003	1 . 1 . 1		<a href="#">get it</a>	<i>remarks - general:</i>	RP-20: reference to HSDPA removed from title		
	post R1-34	26/11/2003	1 . 2 . 0	R1-031398	<a href="#">get it</a>	<i>remarks - this release:</i>	Timed out of Rel-5.		
<hr/>									
<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> SP-22		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
						<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		
<hr/>									
<b>TR 25.888</b>	<b>Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD</b>								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> LI, Xiaoqiang	SAMSUNG Electronics Research Institute				
	<i>freeze_meeting:</i> SP-22		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	RP-18	06/01/2003	1 . 1 . 0	RP-020815	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-21	26/09/2003	2 . 0 . 0	RP-030500	<a href="#">get it</a>	<i>remarks - this release:</i>	.		
	RP-21	13/10/2003	6 . 0 . 0		<a href="#">get it</a>				
<hr/>									

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

# 3GPP specification status

Page 33

04 December 2003 11:59:40

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

---

<b>TR 25.889</b>	<b>Feasibility study considering the viable deployment of UTRA in additional and diverse spectrum arrangements</b>				
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> STAHLFJALL, Peter	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-22		<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar	
<i>history (event, available, version, comments):</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> .
	RP-18	06/01/2003	1 . 2 . 1	RP-020690	<a href="#">get it</a>
	R4-26		1 . 3 . 0		
	R4-27		1 . 4 . 0		
	RP-20	17/06/2003	2 . 0 . 0	RP-030343	<a href="#">get it</a>
	RP-20	01/07/2003	6 . 0 . 0	RP-21: Agreed (RP-030511) to send this document to ITU-R WP8F, so it needs to be an externally published TR rather than 3GPP-internal. On closer inspection, it is full of illegal references to non-publicly-available documents. So do not publish.	<a href="#">get it</a>

---

<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> 0.3.0	DRAFT	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> HWANG, Woonhee	NOKIA Corporation
	<i>freeze_meeting:</i> SP-22		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern	
<i>history (event, available, version, comments):</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>
	draft	24/01/2003	0 . 2 . 1		<a href="#">get it</a>
	draft	18/06/2003	0 . 3 . 0		<a href="#">get it</a>

---

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

# 3GPP specification status

Page 34

04 December 2003 11:59:40

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

---

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

Rel-6 *current version:* 0.5.2 DRAFT *WG (prime / other):* R1 / *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-19 *G:* *U:* yes *MCC:* SASAKI, Tsukasa

*history (event, available, version, comments):*

R1-27 0 . 0 . 1  
R1-29 0 . 0 . 2  
R1-33 0 . 0 . 3  
R1-31 0 . 1 . 0  
R1-31 0 . 1 . 1  
R1-31 0 . 1 . 2  
R1-31 31/03/2003 0 . 2 . 0  
R1-31 0 . 2 . 1  
R1-33 0 . 3 . 0  
R1-33 05/09/2003 0 . 3 . 1  
R1-34 0 . 4 . 0  
R1-34 21/10/2003 0 . 4 . 1  
R1-35 0 . 5 . 0  
R1-35 0 . 5 . 1  
R1-35 03/12/2003 0 . 5 . 2

R1-031150 (includes R1-031127)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

---

**TR 25.894 Enhanced UE positioning using software blanking**

Rel-6 *current version:* none *WG (prime / other):* R2 / - *rapporteur:* BARTLETT, David Cambridge Positioning Systems Limited  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

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

---

**TR 25.895 Analysis of higher chip rates for UTRA TDD evolution**

Rel-6 *current version:* 1.3.1 DRAFT *WG (prime / other):* R1 / - *rapporteur:* BEALE, Martin IPWireless Inc.  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* SASAKI, Tsukasa

*history (event, available, version, comments):*

RP-19 24/03/2003 1 . 0 . 0 RP-030095  
R1-31 09/09/2003 1 . 2 . 0 R1-030926  
R1-34 15/10/2003 1 . 2 . 2 R1-031143  
R1-35 1 . 3 . 0  
R4-29 03/12/2003 1 . 3 . 1 R4-031018

[get it](#)

[get it](#)

[get it](#)

[get it](#)

*remarks - general:*  
*remarks - this release:* 2002-10-07: anticipate approval at RP-20.

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

# 3GPP specification status

Page 35

04 December 2003 11:59:40

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

---

**TR 25.896 Feasibility study for enhanced uplink for UTRA FDD**

Rel-6 *current version:* 1.1.1 DRAFT

*freeze\_meeting:* SP-22

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

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

*history (event, available, version, comments):*

R1-28b 0 . 0 . 1 R1-021218  
R1-29 0 . 0 . 2 R1-021259  
R1-30 0 . 0 . 3  
R1-30 0 . 0 . 4  
R1-30 0 . 1 . 0  
R1-30 0 . 1 . 1  
R1-31 0 . 2 . 0 R1-030311  
R1-31 0 . 2 . 1  
R1-31 0 . 2 . 2  
post R1-31 0 . 3 . 0  
RP-32 0 . 3 . 1  
post RP-32 0 . 3 . 2  
post RP-32 0 . 3 . 3  
R1-33 0 . 4 . 0  
post R1-33 04/09/2003 0 . 4 . 1 R1-030951  
post R1-33 13/09/2003 0 . 4 . 2 R1-030952  
RP-21 26/09/2003 1 . 0 . 0 RP-030512  
draft 13/10/2003 1 . 0 . 1 R1-031148  
R1-35 03/11/2003 1 . 0 . 2 R1-031164  
post R1-35 1 . 1 . 0  
post R1-35 03/12/2003 1 . 1 . 1 R1-031422

*remarks - general:*

*remarks - this release:* .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

**TR 25.897 Feasibility study on the evolution of UTRAN architecture**

Rel-6 *current version:* 0.3.1 DRAFT

*freeze\_meeting:* SP-22

*WG (prime / other):* R3 / - *rapporteur:* KEKKI, Sami NOKIA Corporation

*G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

draft 24/01/2003 0 . 1 . 1  
R3-36 19/08/2003 0 . 2 . 1  
R3-38 06/11/2003 0 . 3 . 1 R3-031555

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:* .

[get it](#)

---

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

# 3GPP specification status

Page 36

04 December 2003 11:59:41

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

---

<b>TR 25.898</b>	<b>Power control enhancements for UTRA</b>								
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> MITRA, Diptendu	NOKIA UK Ltd				
	<i>freeze_meeting:</i> SP-22		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	R1-33	10/09/2003	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
<b>TR 25.899</b>	<b>High Speed Download Packet Access (HSDPA) enhancements</b>								
Rel-6	<i>current version:</i> 0.3.1	DRAFT	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> FUKUI, Noriyuki	Mitsubishi Electric Co.				
	<i>freeze_meeting:</i> RP-21		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	draft		0 . 0 . 1	R1-021443				<i>remarks - general:</i>	
	R1-31		0 . 0 . 2	R1-030373				<i>remarks - this release:</i>	
	R1-31		0 . 0 . 3	R1-030380					
	R1-31		0 . 1 . 0	R1-030382					
	R1-32		0 . 2 . 0	R1-030634					
	R1-34	14/10/2003	0 . 2 . 1	R1-031149	<a href="#">get it</a>				
	R1-34	07/11/2003	0 . 2 . 2	R1-031174	<a href="#">get it</a>				
	draft		0 . 3 . 1	R1-031418					
<hr/>									
<b>TR 25.901</b>	<b>Network Assisted Cell Change (NACC) from UTRAN to GERAN; Network side aspects</b>								
Rel-6	<i>current version:</i> 0.1.1	DRAFT	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HALL, Edward	VODAFONE LTD				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version, comments):</i>								
	draft	04/07/2003	0 . 1 . 1	<a href="#">get it</a>	<i>remarks - general:</i>	WI UID 23011. See also 44.901.			
					<i>remarks - this release:</i>				
<hr/>									
<b>TR 25.942</b>	<b>RF system scenarios</b>								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BENABDALLAH, Nadia	Vodafone Omnitel N.V				
	<i>freeze_meeting:</i> SP-22		<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								
	RP-18	10/01/2003	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Additional rapporteur = A.De Pasquale.			
	RP-21	10/10/2003	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 access.

# 3GPP specification status

Page 37

04 December 2003 11:59:41

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

---

## TR 25.951 Base Station (BS) classification (FDD)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation  
*freeze\_meeting:* *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-19	24/03/2003	2 . 0 . 0	RP-030155	<a href="#">get it</a>	<i>remarks - general:</i>
RP-19	04/04/2003	6 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> RP-19: from Rel-5.
RP-20	27/06/2003	6 . 1 . 0		<a href="#">get it</a>	
RP-21	10/10/2003	6 . 2 . 0		<a href="#">get it</a>	

---

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* RP / GP *rapporteur:* PIRSKANEN, Juho NOKIA Corporation  
*freeze\_meeting:* SP-22 *G:* yes *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

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

---

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

Rel-6 *current version:* 6.3.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

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

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

# 3GPP specification status

Page 38

04 December 2003 11:59:42

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

---

**TR 25.996 Spatial channel model for Multiple Input Multiple Output (MIMO) simulations**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* R1 / *rapporteur:* HUANG, Howard Lucent Technologies  
*freeze\_meeting:* G: U: yes *MCC:* SASAKI, Tsukasa  
*history (event, available, version, comments):*  
RP-19 24/03/2003 1 . 0 . 0 RP-030181 [get it](#) *remarks - general:*  
RP-20 17/06/2003 2 . 0 . 0 RP-030311 [get it](#) *remarks - this release:* .  
RP-20 03/07/2003 6 . 0 . 0 [get it](#)  
RP-21 29/09/2003 6 . 1 . 0 [get it](#)

---

Rel-6 **26** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

**TS 26.093 AMR speech Codec; Source Controlled Rate operation**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-19 04/04/2003 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
*remarks - this release:* .

---

**TS 26.141 IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs**  
Rel-6 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* G: U: yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
*remarks - general:* WI = "Media Codecs and Formats for IMS Messaging and Presence" UID 32045.  
*remarks - this release:* .

---

**TS 26.234 Transparent end-to-end streaming service; Protocols and codecs**  
Rel-6 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.  
*freeze\_meeting:* G: U: yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* SP-19: CRs anticipated at SP-22. SP-21: Intend to split the Rel-6 spec into four separate specs.

---

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

# 3GPP specification status

Page 39

04 December 2003 11:59:42

ACTIVE specs Rel-6 26 .- series  
Server location: [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-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-20 25/06/2003 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 26.244 Transparent end-to-end streaming service; 3GPP file format (3GP)**  
Rel-6 *current version:* 0.2.5 DRAFT *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.  
*freeze\_meeting:* *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
draft 04/04/2003 0 . 1 . 3 [get it](#) *remarks - general:*  
draft 0 . 2 . 5 *remarks - this release:* .

---

**TS 26.245 Transparent end-to-end streaming service; Timed text format**  
Rel-6 *current version:* 0.1.6 DRAFT *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.  
*freeze\_meeting:* *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
draft 0 . 0 . 0 S4-020670 *remarks - general:*  
draft 0 . 1 . 0 S4-030023 *remarks - this release:* .  
draft 0 . 1 . 1 S4-030062  
draft 0 . 1 . 2 S4-030151  
draft 04/04/2003 0 . 1 . 3 S4-030251 [get it](#)  
draft 0 . 1 . 4 S4-030344  
S4-26 0 . 1 . 5 S4-030421  
draft 24/07/2003 0 . 1 . 6 S4-030581 [get it](#)

---

**TS 26.246 Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile**  
Rel-6 *current version:* 0.0.3 DRAFT *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*freeze\_meeting:* *G:* *U:* yes *MCC:*  
*history (event, available, version, comments):*  
draft 03/04/2003 0 . 0 . 1 [get it](#) *remarks - general:* Created S4-25bis. See S4-030135.  
draft 0 . 0 . 2 erroneously numbered v6.0.2 *remarks - this release:* .  
draft 29/08/2003 0 . 0 . 3 erroneously numbered v6.0.3 [get it](#)

---

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



# 3GPP specification status

Page 40

04 December 2003 11:59:42

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

## TS 26.346 Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs

Rel-6 *current version:* 0.1.0 DRAFT *WG (prime / other):* S4 / - *rapporteur:* SZELAZEK, Bill 3  
*freeze\_meeting:* G: U: yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
S4-28 0 . 0 . 0 *remarks - general:* WI = "Multimedia Broadcast and Multicast Service" UID 2544.  
draft 29/08/2003 0 . 1 . 0 does not show spec number or version [get it](#) *remarks - this release:* .  
on cover

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:* 6.4.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson  
*freeze\_meeting:* SP-22 G: yes U: yes *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
TP-16 25/06/2002 6 . 0 . 0 [get it](#) *remarks - general:*  
TP-18 20/12/2002 6 . 1 . 0 [get it](#) *remarks - this release:* .  
TP-19 31/03/2003 6 . 2 . 0 [get it](#)  
TP-20 23/06/2003 6 . 3 . 0 [get it](#)  
TP-21 03/10/2003 6 . 4 . 0 [get it](#)

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 29.002 Mobile Application Part (MAP) specification

Rel-6 *current version:* 6.3.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-22 G: yes U: yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-18 09/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*  
NP-19 04/04/2003 6 . 1 . 0 [get it](#) *remarks - this release:*  
NP-20 08/07/2003 6 . 2 . 0 [get it](#)  
NP-21 09/10/2003 6 . 3 . 0 [get it](#)

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

# 3GPP specification status

Page 41

04 December 2003 11:59:42

ACTIVE specs Rel-6 29 .- series  
Server location: [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-6	<i>current version:</i> Procedures and the Mobile Application Part (MAP) 6.0.0WG ( <i>prime / other</i> ): N4 /- <i>rapporteur:</i> KYMALAINEN, Kimmo TeliaSonera AB
	<i>freeze_meeting:</i> G: yes U: yes MCC: KYMALAINEN, Kimmo
	<i>history (event, available, version, comments):</i> MP-21 09/10/2003 6 . 0 . 0 <a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4 (transfer??) <i>remarks - this release:</i> .

---

<b>TS 29.060</b>	<b>General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface</b>
Rel-6	<i>current version:</i> 6.2.0 WG ( <i>prime / other</i> ): N4 /- <i>rapporteur:</i> KYMALAINEN, Kimmo TeliaSonera AB <i>freeze_meeting:</i> G: yes U: yes MCC: KYMALAINEN, Kimmo
	<i>history (event, available, version, comments):</i> NP-19 04/04/2003 6 . 0 . 0 <a href="#">get it</a> <i>remarks - general:</i> NP-20 27/06/2003 6 . 1 . 0 <a href="#">get it</a> <i>remarks - this release:</i> . NP-21 09/10/2003 6 . 2 . 0 <a href="#">get it</a>

---

<b>TS 29.109</b>	<b>Bootstrapping and subscriber certificates; Diameter protocols; Stage 3</b>
Rel-6	<i>current version:</i> none WG ( <i>prime / other</i> ): N4 /- <i>rapporteur:</i> LAITINEN, Lauri NOKIA Corporation <i>freeze_meeting:</i> G: yes U: yes MCC: KYMALAINEN, Kimmo
	<i>history (event, available, version, comments):</i> <i>remarks - general:</i> WI = SEC1-SC (UID 33002) <i>remarks - this release:</i> .

---

<b>TS 29.162</b>	<b>Interworking between the IM CN subsystem and IP networks</b>
Rel-6	<i>current version:</i> none WG ( <i>prime / other</i> ): N3 / <i>rapporteur:</i> HOLLAND, Nigel mmO2 plc <i>freeze_meeting:</i> G: yes U: yes MCC: BOSWARTHICK, David
	<i>history (event, available, version, comments):</i> <i>remarks - general:</i> <i>remarks - this release:</i> Work item moved to Rel-6.

---

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

# 3GPP specification status

Page 42

04 December 2003 11:59:43

ACTIVE specs 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 IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N3 / *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc  
*freeze\_meeting:* SP-22 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

N3-25	20/01/2003	1	.	4	.	1		<a href="#">get it</a>	<i>remarks - general:</i>
NP-19	06/03/2003	1	.	5	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> NP-16: For earlier versions: see Rel-5. NP-19: anticipated to come under change control at NP-21.
draft	24/03/2003	1	.	5	.	1		<a href="#">get it</a>	
N3-28		1	.	6	.	0			
NP-20	17/06/2003	1	.	7	.	0	NP-030196	<a href="#">get it</a>	
N3-29	09/09/2003	1	.	8	.	0	distributed 2003-09-08 as a "draft" v1.8.0; the held version is the "official" v1.8.0.	<a href="#">get it</a>	
pre NP-21	13/09/2003	1	.	9	.	0		<a href="#">get it</a>	
NP-21	29/09/2003	2	.	0	.	0	NP-030326	<a href="#">get it</a>	
NP-21	01/10/2003	6	.	0	.	0		<a href="#">get it</a>	

---

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-20	27/06/2003	6	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
-------	------------	---	---	---	---	---	--	------------------------	---

---

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-20	27/06/2003	6	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
-------	------------	---	---	---	---	---	--	------------------------	---

---

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-20	27/06/2003	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 access.

# 3GPP specification status

Page 43

04 December 2003 11:59:43

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

---

<b>TS 29.198-06</b>	<b>Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility</b>								
Rel-6	current version: 6.0.0		WG (prime / other): N5 /	rapporteur: ABARCA, Chelo	ALCATEL S.A.				
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian					
history (event, available, version, comments):									
	NP-20	27/06/2003	6 . 0 . 0						
				<a href="#">get it</a>	remarks - general:				
					remarks - this release:				
<hr/>									
<b>TS 29.198-13</b>	<b>Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF</b>								
Rel-6	current version: 6.0.0		WG (prime / other): N5 /	rapporteur: ABARCA, Chelo	ALCATEL S.A.				
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian					
history (event, available, version, comments):									
	NP-20	27/06/2003	6 . 0 . 0						
				<a href="#">get it</a>	remarks - general:				
					remarks - this release:				
<hr/>									
<b>TS 29.199</b>	<b>Open Service Access (OSA); Web Services Application Programming Interface (API) for OSA; Parlay X services</b>								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): N5 /	rapporteur: VAN RIJSSEN, Erwin	Telefon AB LM Ericsson				
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian					
history (event, available, version, comments):									
	draft		0 . 0 . 1						remarks - general:
	draft		0 . 0 . 2						remarks - this release:
	draft		0 . 0 . 3						
	NP-22	14/11/2003	1 . 0 . 0	NP-030552				<a href="#">get it</a>	
<hr/>									
<b>TS 29.200</b>	<b>Signalling System No. 7; Mobile Application Part (MAP); Security signalling flows for the Ze interface</b>								
Rel-6	current version: none		WG (prime / other): N4 / -	rapporteur: JANSSON, Jari	NOKIA Corporation				
	freeze_meeting: SP-22		G: U: yes	MCC: KYMALAINEN, Kimmo					
history (event, available, version, comments):									
									remarks - general: Work item description in N4-021258.
									remarks - this release:
<hr/>									
<b>TS 29.209</b>	<b>Policy control over Gq interface</b>								
Rel-6	current version: 0.0.1	DRAFT	WG (prime / other): N3 / -	rapporteur: N, A	Indicate persons who left Company and wait for new One				
	freeze_meeting:		G: U: yes	MCC: BOSWARTHICK, David					
history (event, available, version, comments):									
	draft	01/09/2003	0 . 0 . 1					<a href="#">get it</a>	remarks - general:
									remarks - this release:

---

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

# 3GPP specification status

Page 44

04 December 2003 11:59:43

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

---

<b>TS 29.228</b>	<b>IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents</b>								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> PALLARES LÓPEZ,	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i>		G: yes U: yes	MCC:	Miguel Angel KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-21 09/10/2003 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	Additional rapporteur: Miguel-Angel Pallares-Lopez				
				<i>remarks - this release:</i>	.				
<hr/>									
<b>TS 29.234</b>	<b>3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3</b>								
Rel-6	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> N4 / N2	<i>rapporteur:</i> RODRIGUEZ, Raquel	NOKIA Corporation				
	<i>freeze_meeting:</i>		G: U: yes	MCC:	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	draft 0 . 2 . 0			<i>remarks - general:</i>	Work Item = "WLAN Interworking – stage 3 definition of WLAN – 3GPP interworking",				
	NP-21 29/09/2003 1 . 0 . 0	NP-030400	<a href="#">get it</a>	<i>remarks - this release:</i>	. see N4-030221 (né N4-030157)				
	N4-21 1 . 1 . 0								
<hr/>									
<b>TS 29.240</b>	<b>Generic User Profile (GUP); Stage 3; Network</b>								
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB				
	<i>freeze_meeting:</i>		G: U: yes	MCC:	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	draft 0 . 0 . 0			<i>remarks - general:</i>	Cf work item 'Generic user profile' - may be renumbered to 27.241				
	N4-20 08/10/2003 0 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	2003-03-05: Delayed from Rel-5.				
<hr/>									
<b>TS 29.332</b>	<b>Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mc interface; Stage 3</b>								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG				
	<i>freeze_meeting:</i> SP-22		G: U: yes	MCC:	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
				<i>remarks - general:</i>	2002-05-30: Created in response to proposed new WI in N4-020773.				
				<i>remarks - this release:</i>	Anticipated change control at NP-22.				
<hr/>									
<b>TS 29.333</b>	<b>Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3</b>								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> SANDERS, David	VODAFONE Group Plc				
	<i>freeze_meeting:</i> SP-22		G: U: yes	MCC:	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
				<i>remarks - general:</i>					
				<i>remarks - this release:</i>	.				

---

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

# 3GPP specification status

Page 45

04 December 2003 11:59:44

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

---

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

Rel-6 *current version:* 0.3.1 DRAFT *WG (prime / other):* N1 / *rapporteur:* HOBBS, Kevan 3  
*freeze\_meeting:* NP-19 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
draft 0 . 0 . 1 *remarks - general:*  
N3-27 0 . 1 . 0 N1-0300277 *remarks - this release:* .  
draft 24/06/2003 0 . 2 . 0 [get it](#)  
N1-32 12/11/2003 0 . 3 . 0 [get it](#)  
post N1-32 14/11/2003 0 . 3 . 1 [get it](#)

---

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

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* N1 / - *rapporteur:* MAYER, Georg NOKIA Corporation  
*freeze\_meeting:* *G:* *U:* yes *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
draft 0 . 0 . 0 *remarks - general:*  
N1-29 06/05/2003 0 . 1 . 0 [get it](#) *remarks - this release:* .  
N1-30 02/06/2003 0 . 2 . 0 N1-031121 [get it](#)  
N1-31 01/09/2003 0 . 3 . 0 [get it](#)  
NP-21 11/09/2003 1 . 0 . 0 NP-030425 [get it](#)

---

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
NP-18 06/01/2003 1 . 0 . 0 NP-020610 [get it](#) *remarks - general:*  
NP-19 06/03/2003 1 . 1 . 0 NP-030073. Will be reviewed N1-28, [get it](#) *remarks - this release:* .  
N3-29 1 . 2 . 0  
NP-20 17/06/2003 2 . 0 . 0 NP-030197 -> NP-030293 [get it](#)  
NP-20 23/06/2003 6 . 0 . 0 [get it](#)  
NP-21 01/10/2003 6 . 1 . 0 [get it](#)

---

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

# 3GPP specification status

Page 46

04 December 2003 11:59:44

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

---

**TR 29.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults**  
Rel-6 *current version:* none *WG (prime / other):* N1 / RP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-22 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to  
*remarks - this release:* . latest Release version.

---

Rel-6 **30** .- series Server location: [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**  
Rel-6 *current version:* 0.11.0 DRAFT *WG (prime / other):* R3 / - *rapporteur:* KRAUSE, Joern SIEMENS AG  
*freeze\_meeting:* *G:* *U:* yes *MCC:* KRAUSE, Joern  
*history (event, available, version, comments):*  
draft 23/11/2001 0 . 9 . 3 Inherited from R99. [get it](#) *remarks - general:*  
R3-37 13/10/2003 0 . 11 . 0 R3-030923 [get it](#) *remarks - this release:* Continues work started in R99 document.

---

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

---

**TS 31.101 UICC-terminal interface; Physical and logical characteristics**  
Rel-6 *current version:* 6.2.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd  
*freeze\_meeting:* tbd *G:* *U:* yes *MCC:* DIETZE, Claus  
*history (event, available, version, comments):*  
TP-17 18/09/2002 6 . 0 . 0 [get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.  
TP-18 02/01/2003 6 . 1 . 0 [get it](#) *remarks - this release:* TP-17: upgraded to Rel-6 as there are 3G specific platform requirements that are currently not defined by the respective EP SCP specification TS 102 221.  
TP-20 23/06/2003 6 . 2 . 0 [get it](#)

---

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

# 3GPP specification status

Page 47

04 December 2003 11:59:44

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

---

<b>TS 31.102</b>	<b>Characteristics of the USIM application</b>					
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> HEIM, Christian			GIESECKE & DEVRIENT GmbH
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-18 02/01/2003 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	TP-19 01/04/2003 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	TP-20 23/06/2003 6 . 2 . 0	<a href="#">get it</a>				
	TP-21 30/09/2003 6 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 31.103</b>	<b>Characteristics of the IP Multimedia Services Identity Module (ISIM) application</b>					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-18 02/01/2003 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	TP-19 26/03/2003 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	TP-20 23/06/2003 6 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 31.113</b>	<b>Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes</b>					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-16 19/06/2002 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	TP-17 25/09/2002 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	TP-19 26/03/2003 6 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 31.114</b>	<b>Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration</b>					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> MEYER, Michael			GIESECKE & DEVRIENT GmbH
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> TP-15: Enhancements to Rel-5 envisaged.			

---

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



# 3GPP specification status

Page 48

04 December 2003 11:59:45

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

---

<b>TS 31.115</b>	<b>Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications</b>								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie					Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-22								
	<i>history (event, available, version, comments):</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus			
	TP-16 26/06/2002 2 . 0 . 0	TP-020126		<a href="#">get it</a>	<i>remarks - general:</i>	additional rapporteur: Florence Martin.			
	TP-16 19/06/2002 6 . 0 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: has evidently migrated to Rel-6.			
	TP-17 23/09/2002 6 . 1 . 0			<a href="#">get it</a>					
	TP-18 02/01/2003 6 . 2 . 0			<a href="#">get it</a>					
<hr/>									
<b>TS 31.116</b>	<b>Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications</b>								
Rel-6	<i>current version:</i> 6.3.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie					Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-22								
	<i>history (event, available, version, comments):</i>		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus			
	TP-16 26/06/2002 2 . 0 . 0	TP-020127		<a href="#">get it</a>	<i>remarks - general:</i>	additional rapporteur: Florence Martin			
	TP-16 19/06/2002 6 . 0 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: offered for approval as Rel-6, so scrap Rel-5.			
	TP-17 23/09/2002 6 . 1 . 0			<a href="#">get it</a>					
	TP-18 02/01/2003 6 . 2 . 0			<a href="#">get it</a>					
	TP-19 26/03/2003 6 . 3 . 0			<a href="#">get it</a>					
<hr/>									
<b>TS 31.130</b>	<b>(U)SIM Application Programming Interface API; (U)SIM API for Java Card(TM)</b>								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> JOLIVET, Paul					DoCoMo Europe S.A.
	<i>freeze_meeting:</i>		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus			
	<i>history (event, available, version, comments):</i>								
	TP-20 17/06/2003 1 . 0 . 0	TP-030127		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	TP-20: Target for approval: TP-21.			
<hr/>									
<b>TS 31.131</b>	<b>C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API</b>								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> TON, Wim					ASPECTS Software Ltd
	<i>freeze_meeting:</i> SP-22		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus			
	<i>history (event, available, version, comments):</i>								
	TP-17 24/09/2002 2 . 0 . 0	TP-020219		<a href="#">get it</a>	<i>remarks - general:</i>	Test spec is 34.131.			
	TP-17 27/09/2002 6 . 0 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	.			
	TP-19 26/03/2003 6 . 1 . 0			<a href="#">get it</a>					

---

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

# 3GPP specification status

Page 49

04 December 2003 11:59:45

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

---

**TR 31.919 2G/3G Java Card(TM) Application Programming Interface (API) based applet interworking**  
Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* T3 / - *rapporteur:* ANDRAU, Stéphane OBERTHUR CARD SYSTEMS S.A.  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* DIETZE, Claus  
*history (event, available, version, comments):*  
TP-20 17/06/2003 1 . 0 . 0 TP-030128 [get it](#) *remarks - general:* WI UID = 43005.  
*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 32.102 Telecommunication management; Architecture**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-21 03/10/2003 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 32.140 Telecommunication management; Services operations management; Subscription management requirements**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* ISLIP, John Lucent Technologies Network Systems UK  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-15 19/03/2002 1 . 0 . 0 SP-020012 (originally Rel-5) [get it](#) *remarks - general:*  
SP-18 06/01/2003 1 . 1 . 1 SP-020728 [get it](#) *remarks - this release:* SP-15: moved from Rel-5.  
SP-19 2 . 0 . 0 SP-030041  
SP-19 31/03/2003 6 . 0 . 0 [get it](#)  
SP-21 02/10/2003 6 . 1 . 0 [get it](#)

---

**TS 32.141 Telecommunication management; Services operations management; Subscription management architecture**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* ABA, Istvan T-Mobile AUSTRIA GmbH  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-19 27/03/2003 1 . 0 . 0 SP-030042 [get it](#) *remarks - general:*  
SP-21 29/09/2003 2 . 0 . 0 SP-030405 [get it](#) *remarks - this release:* .  
SP-21 03/10/2003 6 . 0 . 0 [get it](#)

---

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

# 3GPP specification status

Page 50

04 December 2003 11:59:45

ACTIVE specs Rel-6 32 .- series  
Server location: [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; Integration Reference Point (IRP) Concept and definitions</b>						
Rel-6	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> S5 / T2	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i> S5-35b 08/10/2003 0 . 0 . 1 S5-032639						
			<a href="#">get it</a>	<i>remarks - general:</i> Justification: see SP-020608. Stage 3: see 27.150. 2003-08-28: Title changed from			
				<i>remarks - this release:</i> "Telecommunication management; User Equipment Management (UEM); UEM requirements and architecture; Stages 1 and 2". 2003-12-03: title changed from "Telecommunication management; Integration Reference Point (IRP): Introduction and definitions".			
<hr/>							
<b>TS 32.151</b>	<b>Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template</b>						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
				<i>remarks - general:</i>			
				<i>remarks - this release:</i> .			
<hr/>							
<b>TS 32.152</b>	<b>Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire</b>						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
				<i>remarks - general:</i>			
				<i>remarks - this release:</i> .			
<hr/>							
<b>TS 32.171</b>	<b>Service operations management; Subscription management resources Integration Reference Point (IRP); Requirements</b>						
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WIKBERG, Ove	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i> draft 22/08/2003 0 . 1 . 0						
			<a href="#">get it</a>	<i>remarks - general:</i>			
				<i>remarks - this release:</i> .			
<hr/>							
<b>TS 32.172</b>	<b>Service operations management; Subscription management resources Integration Reference Point (IRP); Network Resources Model (NRM)</b>						
Rel-6	<i>current version:</i> 0.2.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WIKBERG, Ove	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i> draft 22/08/2003 0 . 1 . 0 draft 30/09/2003 0 . 2 . 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 access.

# 3GPP specification status

Page 51

04 December 2003 11:59:45

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

---

<b>TS 32.240</b>	<b>Telecommunication management; Charging management; Charging architecture and principles</b>						
Rel-6	<i>current version:</i> 0.5.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	S5-34	0 . 1 . 0				<i>remarks - general:</i>	
	draft 22/10/2003	0 . 5 . 0				<i>remarks - this release:</i> .	
			<a href="#">get it</a>				
<hr/>							
<b>TS 32.250</b>	<b>Telecommunication management; Charging management; Circuit Switched (CS) domain charging</b>						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
						<i>remarks - general:</i>	
						<i>remarks - this release:</i> .	
<hr/>							
<b>TS 32.251</b>	<b>Telecommunication management; Charging management; Packet Switched (PS) domain charging</b>						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RICHARDS, Christopher	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-21 29/09/2003	1 . 0 . 0	SP-030410			<i>remarks - general:</i> SP-21: WI = charging management for the bearer level	
						<i>remarks - this release:</i> 2003-07-10 (Zoicas): Release was unknown, now confirmed as Rel-6.	
			<a href="#">get it</a>				
<hr/>							
<b>TS 32.252</b>	<b>Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging</b>						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
						<i>remarks - general:</i>	
						<i>remarks - this release:</i> .	
<hr/>							
<b>TS 32.260</b>	<b>Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging</b>						
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TEPPPO, Patrik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	draft	0 . 0 . 1				<i>remarks - general:</i>	
	draft 22/10/2003	0 . 1 . 0				<i>remarks - this release:</i> .	
			<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 52

04 December 2003 11:59:46

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

---

<b>TS 32.270</b>	<b>Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging</b>								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-21	29/09/2003	1 . 0 . 0	SP-030412	<a href="#">get it</a>	<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		
<hr/>									
<b>TS 32.271</b>	<b>Telecommunication management; Charging management; Location Services (LCS) charging</b>								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> BIBAS, Alain	ORANGE SA				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-21	29/09/2003	1 . 0 . 0	SP-030411	<a href="#">get it</a>	<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		
<hr/>									
<b>TS 32.296</b>	<b>Telecommunication management; Charging management; On-line Charging System (OCS): Applications and interfaces</b>								
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BROWN, Yishai	Amdocs Software Systems Limited				
	<i>freeze_meeting:</i>		<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	draft		0 . 0 . 2			<i>remarks - general:</i>	WID = CH (SP-030047)		
	S5-35b	22/10/2003	0 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	Target for approval = SP-21.		
<hr/>									
<b>TS 32.297</b>	<b>Telecommunication management; Charging management; Charging Data Records (CDR) file format and transfer</b>								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RICHARDS, Christopher	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-20	17/06/2003	1 . 0 . 0	SP-030273	<a href="#">get it</a>	<i>remarks - general:</i>	2003-08-18: Title changed from "Telecommunication management; Charging		
						<i>remarks - this release:</i>	. management; Charging interface description to the billing domain".		
<hr/>									
<b>TS 32.298</b>	<b>Telecommunication management; Charging management; Charging Data Record (CDR) encoding rules description</b>								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-21	29/09/2003	1 . 0 . 0	SP-030413	<a href="#">get it</a>	<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		
<hr/>									

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

# 3GPP specification status

Page 53

04 December 2003 11:59:46

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

---

<b>TS 32.299</b>	<b>Telecommunication management; Charging management; Diameter charging application</b>				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TEPPO, Patrik	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
<i>remarks - general:</i> 2003-08-18: Title changed from "Telecommunication management; Charging					
<i>remarks - this release:</i> . management; Charging protocol description".					

---

<b>TS 32.331</b>	<b>Telecommunication management; Notification log Integration Reference Point (IRP): Requirements</b>				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
<i>remarks - general:</i>					
<i>remarks - this release:</i> .					

---

<b>TS 32.332</b>	<b>Telecommunication management; Notification log Integration Reference Point (IRP): Information service</b>				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
<i>remarks - general:</i>					
<i>remarks - this release:</i> .					

---

<b>TS 32.333</b>	<b>Telecommunication management; Notification log Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set</b>				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> RAYMER, David	Motorola Inc.	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
<i>remarks - general:</i>					
<i>remarks - this release:</i> .					

---

<b>TS 32.334</b>	<b>Telecommunication management; Notification log Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set</b>				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
<i>remarks - general:</i>					
<i>remarks - this release:</i> .					

---

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

# 3GPP specification status

Page 54

04 December 2003 11:59:46

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

---

<b>TS 32.341</b>	<b>Telecommunication management; File Transfer (FT) 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> SCHMIDT, Joerg	MOTOROLA A/S		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i> SP-20 17/06/2003 1 . 0 . 0 SP-030290						
			<a href="#">get it</a>	<i>remarks - general:</i>			
				<i>remarks - this release:</i>			
<hr/>							
<b>TS 32.342</b>	<b>Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information Service (IS)</b>						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
				<i>remarks - general:</i>			
				<i>remarks - this release:</i>			
<hr/>							
<b>TS 32.343</b>	<b>Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set</b>						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> RAYMER, David	Motorola Inc.		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
				<i>remarks - general:</i>			
				<i>remarks - this release:</i>			
<hr/>							
<b>TS 32.344</b>	<b>Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set</b>						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SUERBAUM, Clemens	SIEMENS AG		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
				<i>remarks - general:</i>			
				<i>remarks - this release:</i>			
<hr/>							
<b>TS 32.350</b>	<b>Telecommunication management; Communication Surveillance (CS) requirements</b>						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> LI, Yewen	China Mobile Communications Corporation (CMCC)		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i> SP-21 29/09/2003 1 . 0 . 0 SP-030422						
			<a href="#">get it</a>	<i>remarks - general:</i> WI = OAM-NIM (UID 35014)			
				<i>remarks - this release:</i>			

---

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

# 3GPP specification status

Page 55

04 December 2003 11:59:46

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

---

<b>TS 32.351</b>	<b>Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Requirements</b>					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
<i>remarks - general:</i> WI = OAM-NIM (UID 35014)						
<i>remarks - this release:</i> .						
<hr/>						
<b>TS 32.352</b>	<b>Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Information Service (IS)</b>					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
<i>remarks - general:</i> WI = OAM-NIM (UID 35014)						
<i>remarks - this release:</i> .						
<hr/>						
<b>TS 32.353</b>	<b>Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set</b>					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
<i>remarks - general:</i> WI = OAM-NIM (UID 35014)						
<i>remarks - this release:</i> .						
<hr/>						
<b>TS 32.354</b>	<b>Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set</b>					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
<i>remarks - general:</i> WI = OAM-NIM (UID 35014)						
<i>remarks - this release:</i> .						
<hr/>						
<b>TS 32.361</b>	<b>Telecommunication management; Entry Point (EP) 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> LI, Yewen		China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
	SP-21	29/09/2003	1 . 0 . 0	SP-030423	<a href="#">get it</a>	<i>remarks - general:</i> WI = OAM-NIM (UID 35014)
<i>remarks - this release:</i> .						

---

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



# 3GPP specification status

Page 56

04 December 2003 11:59:46

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

---

<b>TS 32.362</b>	<b>Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Information Service (IS)</b>						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-21	29/09/2003	1 . 0 . 0	SP-030424	<a href="#">get it</a>	<i>remarks - general:</i> WI = OAM-NIM (UID 35014)	<i>remarks - this release:</i> .
<hr/>							
<b>TS 32.363</b>	<b>Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)</b>						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-21	29/09/2003	1 . 0 . 0	SP-040425	<a href="#">get it</a>	<i>remarks - general:</i> WI = OAM-NIM (UID 35014)	<i>remarks - this release:</i> .
<hr/>							
<b>TS 32.364</b>	<b>Telecommunication Management; Entry Point (EP) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set</b>						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
						<i>remarks - general:</i> WI = OAM-NIM (UID 35014)	<i>remarks - this release:</i> .
<hr/>							
<b>TS 32.371</b>	<b>Security Management Integration Reference Point (IRP): Requirements</b>						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li		HuaWei Technologies Co., Ltd	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
						<i>remarks - general:</i> WI = OAM-AR (UID 35011)	<i>remarks - this release:</i> .
<hr/>							
<b>TS 32.372</b>	<b>Security Management Integration Reference Point (IRP): Information service</b>						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li		HuaWei Technologies Co., Ltd	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
						<i>remarks - general:</i> WI = OAM-AR (UID 35011)	<i>remarks - this release:</i> .

---

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

# 3GPP specification status

Page 57

04 December 2003 11:59:47

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

---

<b>TS 32.373</b>	<b>Security Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set</b>					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li		HuaWei Technologies Co., Ltd	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> WI = OAM-AR (UID 35011)		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 32.374</b>	<b>Security Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set</b>					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li		HuaWei Technologies Co., Ltd	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> WI = OAM-AR (UID 35011)		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 32.401</b>	<b>Telecommunication management; Performance Management (PM); Concept and requirements</b>					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> was 32.104 (pars)		
	SP-21 15/10/2003 6 . 0 . 0	<a href="#">get it</a>		<i>remarks - this release:</i> .		
<hr/>						
<b>TS 32.403</b>	<b>Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM</b>					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> was 32.104 (pars)		
	SP-20 27/06/2003 6 . 0 . 0	<a href="#">get it</a>		<i>remarks - this release:</i> .		
	SP-21 15/10/2003 6 . 1 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 32.411</b>	<b>Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements</b>					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
	SP-17 16/09/2002 1 . 0 . 0 SP-020500	<a href="#">get it</a>		<i>remarks - this release:</i> .		
	SP-20 17/06/2003 2 . 0 . 0 SP-030294	<a href="#">get it</a>				
	SP-20 18/06/2003 6 . 0 . 0	<a href="#">get it</a>				
	SP-21 15/10/2003 6 . 1 . 0	<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 58

04 December 2003 11:59:47

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

---

<b>TS 32.412</b>	<b>Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information Service (IS)</b>						
Rel-6	<i>current version:</i> 1.4.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-22		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-20	17/06/2003	1 . 0 . 0	SP-030295	<a href="#">get it</a>	<i>remarks - general:</i>	
	S5-34b	29/07/2003	1 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .	
	S5-35		1 . 2 . 0				
	S5-35		1 . 3 . 0				
	S5-35b	03/11/2003	1 . 4 . 0	S5-038724	<a href="#">get it</a>		

---

<b>TS 32.413</b>	<b>Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (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> SP-22		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	<i>remarks - general:</i>						
	<i>remarks - this release:</i> .						

---

<b>TS 32.414</b>	<b>Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) 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>		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	<i>remarks - general:</i>						
	<i>remarks - this release:</i> .						

---

<b>TS 32.421</b>	<b>Telecommunication management; Subscriber and equipment trace: Trace concepts and requirements</b>						
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KORINEK, Frank	MOTOROLA JAPAN LTD		
	<i>freeze_meeting:</i> SP-22		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-16	17/06/2002	1 . 0 . 0	SP-020330	<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-18	06/01/2003	2 . 0 . 0	SP-020755	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	SP-18	06/01/2003	6 . 0 . 0		<a href="#">get it</a>		
	SP-19	31/03/2003	6 . 1 . 0		<a href="#">get it</a>		

---

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

# 3GPP specification status

Page 59

04 December 2003 11:59:47

ACTIVE specs Rel-6 32 .- series  
Server location: [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:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RAO, Mohan	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
<a href="#">get it</a> <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:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
<a href="#">get it</a> <i>remarks - general:</i>					
<i>remarks - this release:</i> .					
<hr/>					
<b>TS 32.661</b>	<b>Telecommunication management; Configuration Management (CM); Kernel CM requirements</b>				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
SP-19 01/04/2003 6 . 0 . 0					
<a href="#">get it</a> <i>remarks - general:</i>					
<i>remarks - this release:</i> .					
<hr/>					
<b>TS 32.662</b>	<b>Telecommunication management; Configuration Management (CM); Kernel CM information service</b>				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
SP-19 01/04/2003 6 . 0 . 0					
<a href="#">get it</a> <i>remarks - general:</i>					
<i>remarks - this release:</i> .					
<hr/>					
<b>TS 32.663</b>	<b>Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution</b>				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
SP-19 03/04/2003 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 access.

# 3GPP specification status

Page 60

04 December 2003 11:59:47

ACTIVE specs 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 32.664 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-19 01/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*  
SP-20 27/06/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

---

**TS 32.681 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements**

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-21 29/09/2003 1 . 0 . 0 SP-030426 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 32.682 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Information service**

Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* .

---

**TS 32.683 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set**

Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* .

---

**TS 32.684 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set**

Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 61

04 December 2003 11:59:48

ACTIVE specs 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 32.695 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition**

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-21 29/09/2003 1 . 0 . 0 SP-030427 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 32.711 Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements**

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-21 29/09/2003 1 . 0 . 0 SP-030428 [get it](#) *remarks - general:* WI = OAM-NIM (UID 35014)  
*remarks - this release:* .

---

**TS 32.712 Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information service**

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-21 29/09/2003 1 . 0 . 0 SP-030429 [get it](#) *remarks - general:* WI = OAM-NIM (UID 35014)  
*remarks - this release:* .

---

**TS 32.713 Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set**

Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
*remarks - general:* WI = OAM-NIM (UID 35014)  
*remarks - this release:* .

---

**TS 32.714 Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set**

Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
*remarks - general:* WI = OAM-NIM (UID 35014)  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 62

04 December 2003 11:59:48

ACTIVE specs 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 32.715 Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition**  
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, comments):* *remarks - general:* WI = OAM-NIM (UID 35014)  
*remarks - this release:* .

---

**TR 32.815 Telecommunication management; Charging management; On-line Charging System (OCS) architecture study**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):* *remarks - general:*  
SP-20 17/06/2003 1 . 0 . 0 SP-030274 [get it](#) *remarks - this release:* .  
SP-21 29/09/2003 2 . 0 . 0 SP-030409 [get it](#)  
SP-21 30/09/2003 6 . 0 . 0 SP-21: S5 is asked to eliminate multiple [get it](#)  
options in §5.1.

---

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 33.102 3G security; Security architecture**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc Siemens nv/sa  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*history (event, available, version, comments):* *remarks - general:*  
SP-21 30/09/2003 6 . 0 . 0 [get it](#) *remarks - this release:* .

---

**TS 33.107 3G security; Lawful interception architecture and functions**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*history (event, available, version, comments):* *remarks - general:*  
SP-21 30/09/2003 6 . 0 . 0 [get it](#) *remarks - this release:* .

---

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

# 3GPP specification status

Page 63

04 December 2003 11:59:48

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

---

<b>TS 33.108</b>	<b>3G security; Handover interface for Lawful Interception (LI)</b>								
Rel-6	<i>current version:</i> 6.3.0			<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT			
	<i>freeze_meeting:</i> SP-22			<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-18 18/12/2002	6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	2001-12-04 Title changed from "Lawful Interception; Interface between core network			
	SP-19 24/03/2003	6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	. and law agency equipment" (Berthold.Wilhelm@RegTP.de).			
	SP-20 18/06/2003	6 . 2 . 0		<a href="#">get it</a>					
	SP-21 30/09/2003	6 . 3 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 33.141</b>	<b>Presence service; Security</b>								
Rel-6	<i>current version:</i> 0.3.1	DRAFT		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BOMAN, Krister	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	S3-30 13/10/2003	0 . 1 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	draft	0 . 1 . 1	S3-020647		<i>remarks - this release:</i>	.			
	post S3-31 12/11/2003	0 . 2 . 0		<a href="#">get it</a>					
	post S3-31 04/12/2003	0 . 3 . 1		<a href="#">get it</a>					
<hr/>									
<b>TS 33.203</b>	<b>3G security; Access security for IP-based services</b>								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> BOMAN, Krister	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>			<i>G:</i> yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-21 30/09/2003	6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			
<hr/>									
<b>TS 33.210</b>	<b>3G security; Network Domain Security (NDS); IP network layer security</b>								
Rel-6	<i>current version:</i> 6.3.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> KOIEN, Geir	Telenor AS			
	<i>freeze_meeting:</i> SP-22			<i>G:</i> yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-18 18/12/2002	6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).			
	SP-19 24/03/2003	6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.			
	SP-20 18/06/2003	6 . 2 . 0		<a href="#">get it</a>					
	SP-21 30/09/2003	6 . 3 . 0		<a href="#">get it</a>					

---

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



# 3GPP specification status

Page 64

04 December 2003 11:59:48

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

---

<b>TS 33.220</b>	<b>Generic Authentication Architecture (GAA); Generic bootstrapping architecture</b>								
Rel-6	current version: 0.2.0	DRAFT	WG (prime / other): S3 /	rapporteur: HAUKKA, Tao	NOKIA Corporation				
	freeze_meeting:		G: U: yes	MCC: POPE, Maurice					
	history (event, available, version, comments):								
	S3-30	0 . 1 . 0					remarks - general:	WI = SEC1-SC (UID 33002) Based on 33.109 §4.	
	S3-30	03/11/2003	0 . 1 . 1	<a href="#">get it</a>			remarks - this release:	.	
	S3-31	28/11/2003	0 . 2 . 0	<a href="#">get it</a>					
<hr/>									
<b>TS 33.222</b>	<b>Generic Authentication Architecture (GAA); Access to network application functions using secure hypertext transfer protocol (HTTPS)</b>								
Rel-6	current version: 0.1.1	DRAFT	WG (prime / other): S3 /	rapporteur: SAHLIN, Bengt	Telefon AB LM Ericsson				
	freeze_meeting:		G: U: yes	MCC: POPE, Maurice					
	history (event, available, version, comments):								
	S3-30	0 . 1 . 0	S3-030646				remarks - general:	WI = SEC1-SC (UID 33002) Based on 33.109 v0.3.0 protocol B.	
	draft	04/11/2003	0 . 1 . 1	<a href="#">get it</a>			remarks - this release:	.	
<hr/>									
<b>TS 33.234</b>	<b>3G security; Wireless Local Area Network (WLAN) interworking security</b>								
Rel-6	current version: 0.7.0	DRAFT	WG (prime / other): S3 / -	rapporteur: LOPEZ SORIA, Luis	Telefon AB LM Ericsson				
	freeze_meeting: SP-22		G: U: yes	MCC: POPE, Maurice					
	history (event, available, version, comments):								
	S3-25	23/10/2002	0 . 1 . 0	<a href="#">get it</a>			remarks - general:		
	S3-25		0 . 2 . 0				remarks - this release:	.	
	S3-26		0 . 3 . 0						
	S3-27		0 . 4 . 0						
	S3-28		0 . 5 . 0						
	S3-29	26/09/2003	0 . 6 . 0	<a href="#">get it</a>					
	S3-30	12/11/2003	0 . 7 . 0	<a href="#">get it</a>					

---

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

# 3GPP specification status

Page 65

04 December 2003 11:59:49

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

Rel-6 *current version:* 0.3.0 DRAFT *WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian 3

*freeze\_meeting:* SP-22

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

*history (event, available, version, comments):*

S3-25 23/10/2002 0 . 0 . 1 [get it](#) *remarks - general:*

S3-25 0 . 0 . 2 *remarks - this release: .*

S3-26 0 . 0 . 3

S3-27 0 . 1 . 0

draft 08/07/2003 0 . 1 . 1 [get it](#)

S3-29 02/09/2003 0 . 2 . 0 [get it](#)

draft 0 . 2 . 1

S3-30 0 . 2 . 2

S3-31 24/11/2003 0 . 2 . 3 [get it](#)

S3-31 24/11/2003 0 . 3 . 0 [get it](#)

---

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

Rel-6 *current version:* 0.7.0 DRAFT *WG (prime / other):* S3 / - *rapporteur:* VIITANEN, Tommi NOKIA Corporation

*freeze\_meeting:*

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

*history (event, available, version, comments):*

draft 0 . 0 . 1 *remarks - general:*

draft 0 . 1 . 0 *remarks - this release: .*

draft 0 . 2 . 0

draft 0 . 3 . 0

draft 0 . 4 . 0

draft 0 . 5 . 0

S3-30 03/11/2003 0 . 6 . 0 [get it](#)

S3-31 28/11/2003 0 . 7 . 0 [get it](#)

---

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

# 3GPP specification status

Page 66

04 December 2003 11:59:49

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

---

<b>TR 33.810</b>	<b>3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution</b>								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A					Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-20								
			<i>G:</i>	<i>U:</i> yes		<i>MCC:</i>	POPE, Maurice		
	<i>history (event, available, version, comments):</i>								
	draft	0 . 0 . 0				<i>remarks - general:</i>	2002-07-22: was formerly 33.910.		
	draft	0 . 0 . 1				<i>remarks - this release:</i>	SP-17: expect v2.0.0 at SP-18.		
	SP-17	1 . 0 . 0							
	edito post SP-17	18/09/2002	1 . 0 . 1						SP-020507 (wronly labeled 33.910)
	S3-25		1 . 1 . 0						corrects spec number on front cover <a href="#">get it</a>
	SP-18	16/01/2003	2 . 0 . 0						SP-020723 <a href="#">get it</a>
	SP-18	18/12/2002	6 . 0 . 0						<a href="#">get it</a>

---

<b>TR 33.817</b>	<b>(Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces</b>								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> YAQUB, Raziq					Toshiba Corporation, Digital Media Network Company
	<i>freeze_meeting:</i>			<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>		<i>G:</i> yes	<i>U:</i> yes					
	SP-22		1 . 0 . 0			<i>remarks - general:</i>	Original WID = SP-030341. 2003-11-26: S3 Secretary indicates that TR is to be		
						<i>remarks - this release:</i>	. internal, so number changed from 33.917.		

---

<b>TR 33.919</b>	<b>Generic Authentication Architecture (GAA); System description</b>								
Rel-6	<i>current version:</i> 0.2.0	DRAFT	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> VAN MOFFAERT, Annelies					ALCATEL BELL
	<i>freeze_meeting:</i>			<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>		<i>G:</i>	<i>U:</i> yes					
	S3-30	20/10/2003	0 . 0 . 1			<i>remarks - general:</i>	WI = SEC1-SC (UID 33002)		
	S3-30	03/11/2003	0 . 1 . 0			<i>remarks - this release:</i>	.		
	S3-31	27/11/2003	0 . 2 . 0						<a href="#">get it</a>

---

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

# 3GPP specification status

Page 67

04 December 2003 11:59:49

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

---

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:* 6.0.0 WG (*prime / other*): T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* TP-25 G: yes U: yes MCC: DIETZE, Claus  
*history (event, available, version, comments):*  
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](#)  
TP-19 24/03/2003 2 . 0 . 0 TP-030032 [get it](#)  
TP-19 26/03/2003 6 . 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)

---

**TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system**  
Rel-6 *current version:* none WG (*prime / other*): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-20 G: yes U: MCC: POPE, Maurice  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 68

04 December 2003 11:59:50

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

---

Rel-6 43 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

---

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-22 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
GP-12 03/01/2003 6 . 0 . 0 [get it](#) *remarks - general:* Moved from SMG3 Jan 2000.  
*remarks - this release:* .

---

**TS 43.055 Dual Transfer Mode (DTM); Stage 2**

Rel-6 *current version:* 6.3.0 *WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc  
*freeze\_meeting:* Jose Luis  
*G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
GP-13 21/02/2003 6 . 0 . 0 [get it](#) *remarks - general:*  
GP-14 25/04/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .  
GP-16 12/09/2003 6 . 2 . 0 [get it](#)  
GP-17 6 . 3 . 0

---

**TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation  
*freeze\_meeting:* USAI, Paolino  
*G: yes U:*  
*history (event, available, version, comments):*  
GP-14 25/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*  
GP-15 11/07/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .  
GP-17 6 . 2 . 0

---

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* USAI, Paolino  
*G: yes U:*  
*history (event, available, version, comments):*  
GP-15 11/07/2003 6 . 0 . 0 [get it](#) *remarks - general:*  
GP-16 12/09/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

---

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

# 3GPP specification status

Page 69

04 December 2003 11:59:50

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

<b>TS 43.068</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)
Rel-6	<i>current version:</i> 6.0.0		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan	
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
	NP-21	08/10/2003	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .

---

<b>TS 43.246</b>	<b>Multimedia Broadcast/Multicast Service (MBMS) in GERAN; Stage 2</b>		<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> EDWIN, Diana	SIEMENS AG
Rel-6	<i>current version:</i> 0.6.0	DRAFT	<i>G: U: yes</i>	<i>MCC:</i> THOMASEN, Gert	
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
	GP-13		0 . 1 . 0	GP-030181	<i>remarks - general:</i> 2003-05: G2 chair indicates that no separate stage 3 will be required, just changes to
	GP-13b		0 . 2 . 0	G2-030227	<i>remarks - this release:</i> . existing GERAN protocol specs.
	GP-14	02/05/2003	0 . 2 . 1	GP-030726	Formal TS number allocated <a href="#">get it</a>
				on upload	
	draft	17/06/2003	0 . 4 . 1		<a href="#">get it</a>
	GP-15		0 . 5 . 0	GP-031108	
	draft	21/07/2003	0 . 6 . 0		<a href="#">get it</a>

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

<b>TS 44.003</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</b>		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S
Rel-6	<i>current version:</i> 6.0.0		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert	
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
	GP-15	10/07/2003	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .

---

<b>TS 44.014</b>	<b>Individual equipment type requirements and interworking; Special conformance testing functions</b>		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd
Rel-6	<i>current version:</i> 6.0.0		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert	
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
	GP-16	12/09/2003	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 access.

# 3GPP specification status

Page 70

04 December 2003 11:59:50

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

---

<b>TS 44.018</b>	<b>Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol</b>				
Rel-6	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-12 17/12/2002	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	GP-13 21/02/2003	6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	GP-14 28/04/2003	6 . 2 . 0	<a href="#">get it</a>		
	GP-15 10/07/2003	6 . 3 . 0	<a href="#">get it</a>		
	GP-16 12/09/2003	6 . 4 . 0	<a href="#">get it</a>	problem with ToC	
	Fix ToC 26/09/2003	6 . 4 . 1	<a href="#">get it</a>		
	GP-17	6 . 5 . 0			
<hr/>					
<b>TS 44.031</b>	<b>Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)</b>				
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-15 10/07/2003	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	GP-16 12/09/2003	6 . 1 . 0	<a href="#">get it</a>	<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-6	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-12 17/12/2002	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
	GP-13 21/02/2003	6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	. (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
	GP-14 29/04/2003	6 . 2 . 0	<a href="#">get it</a>		
	GP-15 10/07/2003	6 . 3 . 0	<a href="#">get it</a>		
	GP-16 13/09/2003	6 . 4 . 0	<a href="#">get it</a>		
	GP-17	6 . 5 . 0			
<hr/>					
<b>TS 44.065</b>	<b>Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP)</b>				
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-20 03/07/2003	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.
	NP-21 10/10/2003	6 . 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 access.

# 3GPP specification status

Page 71

04 December 2003 11:59:51

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

---

**TS 44.160 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for lu mode**  
Rel-6 *current version:* 6.2.0 *WG (prime / other):* G2 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

GP-15	10/07/2003	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Created GP-08; see GP-020483. 2002-07-18: G1->G2.
GP-16	13/09/2003	6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
GP-17		6 . 2 . 0		

---

**TR 44.933 Seamless support of streaming services in GERAN A/Gb mode**  
Rel-6 *current version:* 1.3.0 DRAFT *WG (prime / other):* G2 / - *rapporteur:* GESSNER, Christina SIEMENS AG  
*freeze\_meeting:* G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

GP-12		0 . 1 . 0		<i>remarks - general:</i> Work item = SSSstrea.
G2-12b		0 . 2 . 0		<i>remarks - this release:</i> .
GP-13		0 . 3 . 0		
GP-14		0 . 4 . 0		
G2-14b	07/05/2003	0 . 5 . 0		GP-030654 (TR number not shown on doc)
draft	17/06/2003	0 . 6 . 0	<a href="#">get it</a>	
GP-15	15/07/2003	1 . 1 . 0	<a href="#">get it</a>	
GP-16	10/09/2003	1 . 2 . 0	<a href="#">get it</a>	
Update of section 6.5.3	12/09/2003	1 . 3 . 0	<a href="#">get it</a>	

---

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 45.001 Physical layer on the radio path; General description**  
Rel-6 *current version:* 6.2.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* SP-22 G: yes U: *MCC:* USAI, Paolino

*history (event, available, version, comments):*

GP-12	03/01/2003	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
GP-14	25/04/2003	6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
GP-17		6 . 2 . 0		

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



# 3GPP specification status

Page 72

04 December 2003 11:59:51

ACTIVE specs 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 45.002 Multiplexing and multiple access on the radio path

Rel-6 *current version:* 6.4.0

*freeze\_meeting:*

*history (event, available, version, comments):*

GP-13	21/02/2003	6	.	0	.	0
GP-14	25/04/2003	6	.	1	.	0
GP-15	11/07/2003	6	.	2	.	0
GP-16	12/09/2003	6	.	3	.	0
GP-17		6	.	4	.	0

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

*G: yes U:*

*MCC:* USAI, Paolino

NOKIA Corporation

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

---

## TS 45.003 Channel coding

Rel-6 *current version:* 6.1.0

*freeze\_meeting:*

*history (event, available, version, comments):*

GP-16	12/09/2003	6	.	0	.	0
GP-17		6	.	1	.	0

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

*G: yes U:*

*MCC:* USAI, Paolino

NOKIA Corporation

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

---

## TS 45.005 Radio transmission and reception

Rel-6 *current version:* 6.3.0

*freeze\_meeting:* SP-22

*history (event, available, version, comments):*

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

*WG (prime / other):* G1 / - *rapporteur:* SAMUELSSON, Mats

*G: yes U:*

*MCC:* USAI, Paolino

Telefon AB LM Ericsson

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

---

## TS 45.008 Radio subsystem link control

Rel-6 *current version:* 6.5.0

*freeze\_meeting:* SP-22

*history (event, available, version, comments):*

GP-12	03/01/2003	6	.	0	.	0
GP-13	21/02/2003	6	.	1	.	0
GP-14	25/04/2003	6	.	2	.	0
GP-15	11/07/2003	6	.	3	.	0
GP-16	12/09/2003	6	.	4	.	0
GP-17		6	.	5	.	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](#)

---

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

# 3GPP specification status

Page 73

04 December 2003 11:59:51

ACTIVE specs 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 45.010 Radio subsystem synchronization

Rel-6 *current version:* 6.2.0

*freeze\_meeting:*

*history (event, available, version, comments):*

GP-14 25/04/2003 6 . 0 . 0  
GP-15 11/07/2003 6 . 1 . 0  
GP-16 12/09/2003 6 . 2 . 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](#)

---

## TR 45.050 Background for RF Requirements

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* SP-22

*history (event, available, version, comments):*

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

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

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

MOTOROLA A/S

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

---

## 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, comments):*

GP-10 19/07/2002 6 . 0 . 0

*WG (prime / other):* G1 / *rapporteur:* GROSS, Robert

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

TruePosition Inc.

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

---

## TR 45.902 Flexible layer 1

Rel-6 *current version:* 6.3.0

*freeze\_meeting:* SP-22

*history (event, available, version, comments):*

draft 0 . 0 . 0  
GP-12 26/11/2002 0 . 3 . 0 GP-023427  
GP-13 13/02/2003 0 . 4 . 0 GP 030193  
GP-13 13/02/2003 1 . 0 . 0  
GP-14 25/04/2003 6 . 0 . 0  
GP-15 11/07/2003 6 . 1 . 0  
GP-16 12/09/2003 6 . 2 . 0  
GP-17 6 . 3 . 0

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

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

NOKIA Corporation

*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 access.

# 3GPP specification status

Page 74

04 December 2003 11:59:52

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

---

Rel-6 48 .- series Server location: [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-6 *current version:* 6.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov  
*freeze\_meeting:* SP-22

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

*history (event, available, version, comments):*

GP-12	17/12/2002	6	.	0	.	0
GP-13	21/02/2003	6	.	1	.	0
GP-15	10/07/2003	6	.	2	.	0
GP-16	12/09/2003	6	.	3	.	0
GP-17		6	.	4	.	0

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

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

[get it](#)

[get it](#)

---

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

Rel-6 *current version:* 6.3.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA  
*freeze\_meeting:*

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

*history (event, available, version, comments):*

GP-13	21/02/2003	6	.	0	.	0
GP-14	29/04/2003	6	.	1	.	0
GP-15	10/07/2003	6	.	2	.	0
GP-17		6	.	3	.	0

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

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

[get it](#)

---

**TS 48.058 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov  
*freeze\_meeting:*

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

*history (event, available, version, comments):*

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

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

*remarks - this release:* .

---

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

# 3GPP specification status

Page 75

04 December 2003 11:59:52

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

---

**TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification**  
Rel-6 *current version:* 6.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* Skov  
G: yes U: MCC: THOMASEN, Gert

*history (event, available, version, comments):*

GP-14	29/04/2003	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
GP-15	10/07/2003	6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
GP-16	12/09/2003	6 . 2 . 0	<a href="#">get it</a>	
GP-17		6 . 3 . 0		

---

Rel-6 49 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

---

**TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* Skov  
G: yes U: MCC: THOMASEN, Gert

*history (event, available, version, comments):*

GP-15	10/07/2003	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
GP-17		6 . 1 . 0		<i>remarks - this release:</i> .

---

Rel-6 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-6 *current version:* 0.1.6 DRAFT *WG (prime / other):* GP / - *rapporteur:* BLADSJO, David Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: MCC: USAI, Paolino

*history (event, available, version, comments):*  
draft 20/03/2002 0 . 1 . 6 ex-Rel-5. [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as  
*remarks - this release:* 2003-01-14: Fel-5 frozen, so migrated to Rel-6. Rel-5. GP-12: Rel-5 frozen, so draft

moved to Rel-6.

---

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

# 3GPP specification status

Page 76

04 December 2003 11:59:52

ACTIVE specs Rel-6 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

---

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

---

**TS 51.021 GSM radio aspects base station system equipment specification**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
GP-13 21/02/2003 6 . 0 . 0 [get it](#) *remarks - general:*  
GP-15 11/07/2003 6 . 1 . 0 [get it](#) *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:* 0.1.2 DRAFT *WG (prime / other):* S5 / - *rapporteur:* RONKA, Kari NOKIA Corporation  
*freeze\_meeting:* SP-22 *G: yes U:* *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
draft 15/07/2003 0 . 1 . 2 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

---

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

---

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-22 *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
S3-26 0 . 1 . 0 S3-020675 *remarks - general:* Not subject to export control.  
SP-18 16/01/2003 1 . 0 . 0 SP-020724 [get it](#) *remarks - this release:* .  
SP-18 18/12/2002 6 . 0 . 0 [get it](#)

---

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

# 3GPP specification status

Page 77

04 December 2003 11:59:53

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

---

<b>TS 55.216</b>	<b>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</b>								
Rel-6	<i>current version:</i> 6.2.0 <i>freeze_meeting:</i> tbd	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A						Indicate persons who left Company and wait for new One
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-17 22/07/2002 1 . 0 . 0	SP-020506 pars for approval	<a href="#">get it</a>	<i>remarks - general:</i>	2003-09-30: Note: document only available with French export licence.				
	SP-17 18/09/2002 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.				
	SP-18 18/12/2002 6 . 1 . 0		<a href="#">get it</a>						
	SP-21 30/09/2003 6 . 2 . 0		<a href="#">get it</a>						
<hr/>									
<b>TS 55.217</b>	<b>Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data</b>								
Rel-6	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> SP-20	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A						Indicate persons who left Company and wait for new One
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-17 22/07/2002 1 . 0 . 0	SP-020506 pars for approval	<a href="#">get it</a>	<i>remarks - general:</i>	2003-09-30: Note: document only available with French export licence.				
	SP-17 18/09/2002 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.				
	SP-18 18/12/2002 6 . 1 . 0		<a href="#">get it</a>						
<hr/>									
<b>TS 55.218</b>	<b>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</b>								
Rel-6	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> SP-20	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A						Indicate persons who left Company and wait for new One
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-17 22/07/2002 1 . 0 . 0	SP-020506 pars for approval	<a href="#">get it</a>	<i>remarks - general:</i>	2003-09-30: Note: document only available with French export licence.				
	SP-17 18/09/2002 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.				
	SP-18 18/12/2002 6 . 1 . 0		<a href="#">get it</a>						
<hr/>									
<b>TR 55.919</b>	<b>Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report</b>								
Rel-6	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> SP-20	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A						Indicate persons who left Company and wait for new One
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-17 22/07/2002 1 . 0 . 0	SP-020506 pars for approval	<a href="#">get it</a>	<i>remarks - general:</i>	2003-09-30: Note: document only available with French export licence.				
	SP-17 18/09/2002 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.				
	SP-18 18/12/2002 6 . 1 . 0		<a href="#">get it</a>						

---

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

## 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)

---

<b>TS 21.101</b>	<b>Technical Specifications and Technical Reports for a UTRAN-based 3GPP system</b>						
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-20	<i>G:</i>	U: yes	<i>MCC:</i>	POPE, Maurice		
	<i>history (event, available, version, comments):</i>						
	SP-20 25/06/2003 5 . 4 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	2003-05: Title changed from "3rd Generation mobile system Release 1999	
					<i>remarks - this release:</i>	. Specifications".	
<hr/>							
<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, comments):</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> 5.0.2	<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, comments):</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>	.	
	edito 15/05/2003 5 . 0 . 2			<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, comments):</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 access.

# 3GPP specification status

Page 79

04 December 2003 11:59:53

ACTIVE specs Rel-5 21 .- series  
Server location: [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:* 5.8.0  
*freeze\_meeting:* SP-15  
*history (event, available, version, comments):*

SP-12	27/06/2001	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
SP-13	05/10/2001	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
SP-14	10/01/2002	5 . 2 . 0	<a href="#">get it</a>	
SP-15	25/03/2002	5 . 3 . 0	<a href="#">get it</a>	
SP-16	04/07/2002	5 . 4 . 0	<a href="#">get it</a>	
SP-17	16/09/2002	5 . 5 . 0	<a href="#">get it</a>	
SP-19	25/03/2003	5 . 6 . 0	<a href="#">get it</a>	
SP-20	18/06/2003	5 . 7 . 0	<a href="#">get it</a>	
SP-21	30/09/2003	5 . 8 . 0	<a href="#">get it</a>	

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

---

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, comments):*

SP-16	19/07/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#5 <i>remarks - this release:</i> .
-------	------------	-----------	------------------------	--

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

---

---

## 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, comments):*

SP-16	04/07/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
-------	------------	-----------	------------------------	--

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

---

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



# 3GPP specification status

Page 80

04 December 2003 11:59:54

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

---

<b>TS 22.003</b>	<b>Circuit Teleservices supported by a Public Land Mobile Network (PLMN)</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	SP-14 10/01/2002 5 . 0 . 0				Transfer>TSG#5	
	SP-15 25/03/2002 5 . 1 . 0				remarks - this release: .	
	SP-16 04/07/2002 5 . 2 . 0					
				<a href="#">get it</a>		
				<a href="#">get it</a>		
				<a href="#">get it</a>		
<hr/>						
<b>TS 22.004</b>	<b>General on supplementary services</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0				Transfer>TSG#4	
					remarks - this release: .	
				<a href="#">get it</a>		
<hr/>						
<b>TS 22.011</b>	<b>Service accessibility</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	GALLAIRE, Jean Paul	France Telecom
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0				Transfer>TSG#4	
	SP-17 17/09/2002 5 . 1 . 0				remarks - this release: .	
				<a href="#">get it</a>		
				<a href="#">get it</a>		
<hr/>						
<b>TS 22.016</b>	<b>International Mobile Equipment Identities (IMEI)</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, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0				Transfer>TSG#4	
					remarks - this release: .	
				<a href="#">get it</a>		
<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>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	NGUYEN NGOC, Sebastien	France Telecom
	<i>freeze_meeting:</i> SP-17	G: yes U: yes		<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-17 18/09/2002 5 . 0 . 0 identical to 4.1.0.				Transfer>TSG#4	
					remarks - this release: .	
				<a href="#">get it</a>		

---

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

# 3GPP specification status

Page 81

04 December 2003 11:59:54

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

---

<b>TS 22.024</b>	<b>Description of Charge Advice Information (CAI)</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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> .
<hr/>						
<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, comments):</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 22.031</b>	<b>Fraud Information Gathering System (FIGS); 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-18	G: yes U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i> SP-18 06/01/2003 5 . 0 . 0	Technically identical to 43.031 v5.0.0.		<a href="#">get it</a>	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5	<i>remarks - this release:</i> Created from 42.031 Rel-5. -> 22.031.
<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, comments):</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, comments):</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 access.

# 3GPP specification status

Page 82

04 December 2003 11:59:54

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

---

<b>TS 22.038</b>	<b>USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1</b>					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-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>	
	SP-20 18/06/2003 5 . 3 . 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	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 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 22.042</b>	<b>Network Identity and Time Zone (NITZ) service description; Stage 1</b>					
Rel-5	<i>current version:</i> 5.1.0	<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, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
	SP-20 18/06/2003 5 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i> .
<hr/>						
<b>TS 22.048</b>	<b>Security mechanisms for the (U)SIM application toolkit; Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> TP-20	G: yes U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-20 23/06/2003 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> TP-12: was previously 42.048.
						<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, Paulino			
	<i>history (event, available, version, comments):</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 acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 83

04 December 2003 11:59:54

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

---

<b>TS 22.057</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, comments):</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> 5.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-13 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>							
	SP-19 25/03/2003 5 . 3 . 0	<a href="#">get it</a>							
<hr/>									
<b>TS 22.066</b>	<b>Support of Mobile Number Portability (MNP); Stage 1</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>	Transfer>TSG#4				
	SP-20 18/06/2003 5 . 1 . 0	<a href="#">get it</a>		<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, comments):</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 access.

# 3GPP specification status

Page 84

04 December 2003 11:59:55

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

---

<b>TS 22.071</b>	<b>Location Services (LCS); Stage 1</b>					
Rel-5	<i>current version:</i> 5.2.0	<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, comments):</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>	
	SP-21 30/09/2003 5 . 2 . 0				<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, comments):</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 S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 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 access.

# 3GPP specification status

Page 85

04 December 2003 11:59:55

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

---

<b>TS 22.078</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1</b>					
Rel-5	<i>current version:</i> 5.11.0	<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, comments):</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>			
	SP-18 18/12/2002 5 . 9 . 0		<a href="#">get it</a>			
	edito (fix missing headers/footers) 07/01/2003 5 . 9 . 1		<a href="#">get it</a>			
	SP-19 25/03/2003 5 . 10 . 0		<a href="#">get it</a>			
	SP-21 30/09/2003 5 . 11 . 0		<a href="#">get it</a>			

---

<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, comments):</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> .		

---

<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, comments):</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 access.

# 3GPP specification status

Page 86

04 December 2003 11:59:55

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

---

<b>TS 22.082</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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) 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, comments):</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 22.084</b>	<b>MultiParty (MPY) 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, comments):</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 22.085</b>	<b>Closed User Group (CUG) 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, comments):</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 22.086</b>	<b>Advice of Charge (AoC) supplementary services; Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 87

04 December 2003 11:59:55

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

---

<b>TS 22.087</b>	<b>User-to-user signalling (UUS); Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BRADEN, Christian	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.088</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, comments):</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, comments):</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, comments):</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, comments):</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 access; U = required in systems with UMTS access.



# 3GPP specification status

Page 88

04 December 2003 11:59:56

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

---

<b>TS 22.094</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	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</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 2003-07-21 (Clayton): S1 have decided to	
					<i>remarks - this release:</i> . scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094.	
<hr/>						
<b>TS 22.096</b>	<b>Name identification 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	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</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 22.097</b>	<b>Multiple Subscriber Profile (MSP) 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>	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	SP-16 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 22.101</b>	<b>Service aspects; Service principles</b>					
Rel-5	<i>current version:</i> 5.11.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-15	<i>G: U: yes</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	SP-09 18/10/2000 5 . 0 . 0			<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-15 25/03/2002 5 . 5 . 0			<a href="#">get it</a>		
	SP-16 04/07/2002 5 . 6 . 0			<a href="#">get it</a>		
	SP-17 17/09/2002 5 . 7 . 0			<a href="#">get it</a>		
	SP-18 18/12/2002 5 . 8 . 0			<a href="#">get it</a>		
	SP-19 25/03/2003 5 . 9 . 0			<a href="#">get it</a>		
	SP-20 18/06/2003 5 . 10 . 0			<a href="#">get it</a>		
	SP-21 30/09/2003 5 . 11 . 0			<a href="#">get it</a>		

---

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

# 3GPP specification status

Page 89

04 December 2003 11:59:56

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

---

<b>TS 22.105</b>	<b>Services and service capabilities</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-13 05/10/2001 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	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>			
<hr/>						
<b>TS 22.112</b>	<b>USIM toolkit interpreter; Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MEYER, Michael	GIESECKE & DEVRIENT GmbH		
	<i>freeze_meeting:</i> TP-15	G: U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-13 12/10/2001 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 22.115</b>	<b>Service Aspects Charging and billing</b>					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MONTEGROSSO, Emanuele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 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>		
	SP-15 28/03/2002 5 . 2 . 0		<a href="#">get it</a>			
	SP-20 18/06/2003 5 . 3 . 0		<a href="#">get it</a>			
<hr/>						
<b>TR 22.121</b>	<b>Service aspects; The Virtual Home Environment; Stage 1</b>					
Rel-5	<i>current version:</i> 5.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage		
	SP-12 27/06/2001 5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> 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	Converted from TS to TR.	<a href="#">get it</a>			

---

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

# 3GPP specification status

Page 90

04 December 2003 11:59:56

ACTIVE specs 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 22.127 Service Requirement for the Open Services Access (OSA); Stage 1

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-12	27/06/2001	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
SP-13	05/10/2001	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> .
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>	
SP-18	18/12/2002	5	.	5	.	0	<a href="#">get it</a>	

---

## TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* SAMPSON, Nick ORANGE PCS LTD  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

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>	

---

## TS 22.135 Multicall; Service description; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-16 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-16	19/07/2002	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
								<i>remarks - this release:</i> .

---

## TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S1 / - *rapporteur:* LAUMEN, Josef SIEMENS AG  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

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>	
SP-18	20/12/2002	5	.	4	.	0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 91

04 December 2003 11:59:57

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-09	27/11/2000	1	0	0	
SP-12	27/06/2001	2	0	0	SP-010266
SP-12	27/06/2001	5	0	0	
SP-13	05/10/2001	5	1	0	
SP-15	28/03/2002	5	2	0	

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

---

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

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

*history (event, available, version, comments):*

SP-09	28/09/2000	1	0	0	
SP-10	12/01/2001	5	0	0	
SP-11	02/04/2001	5	1	0	
SP-12	27/06/2001	5	2	0	
SP-13	05/10/2001	5	3	0	
SP-14	10/01/2002	5	4	0	
SP-15	28/03/2002	5	5	0	
SP-16	19/07/2002	5	6	0	

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* Clayton 2000-10-16: Rel-5 confirmed.  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

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

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

*history (event, available, version, comments):*

S1-12		0	1	0	
S1-13		0	2	0	
S1-14		0	3	0	
SP-14	02/01/2002	1	0	0	SP-010733
SP-15	19/03/2002	2	0	0	SP-020062
SP-15	27/03/2002	5	0	0	

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

---

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

# 3GPP specification status

Page 92

04 December 2003 11:59:57

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

---

## TR 22.944 Service requirements for UE functionality split

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S1 / *rapporteur:* GUPTA, Sanjay MOTOROLA Ltd  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-14	02/01/2002	1	.	0	.	0	SP-010679, SP-020064	<a href="#">get it</a>	<i>remarks - general:</i>
SP-15	19/03/2002	2	.	0	.	0	SP-020064	<a href="#">get it</a>	<i>remarks - this release:</i> .
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>	

---

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 23.002 Network architecture

Rel-5 *current version:* 5.12.0 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

SP-09	18/10/2000	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5
SP-10	21/12/2000	5	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i>
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>	
SP-18	10/01/2003	5	.	9	.	0		<a href="#">get it</a>	
SP-19	27/03/2003	5	.	10	.	0		<a href="#">get it</a>	
SP-20	20/06/2003	5	.	11	.	0		<a href="#">get it</a>	
SP-21	01/10/2003	5	.	12	.	0		<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 93

04 December 2003 11:59:58

ACTIVE specs 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 23.003 Numbering, Addressing and Identification

Rel-5 *current version:* 5.7.0

*freeze\_meeting:* NP-15

*WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD

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

*history (event, available, version, comments):*

NP-12 27/06/2001 5 . 0 . 0

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

NP-13 03/10/2001 5 . 1 . 0

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

NP-14 11/01/2002 5 . 2 . 0

[get it](#)

NP-16 21/06/2002 5 . 3 . 0

[get it](#)

NP-17 17/09/2002 5 . 4 . 0

[get it](#)

NP-18 07/01/2003 5 . 5 . 0

[get it](#)

post NP-18 fix 10/01/2003 5 . 5 . 1

[get it](#)

corrupted figures

pp24 ff

NP-20 27/06/2003 5 . 6 . 0

[get it](#)

NP-21 09/10/2003 5 . 7 . 0

[get it](#)

---

## TS 23.007 Restoration procedures

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* NP-15

*WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD

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

*history (event, available, version, comments):*

NP-16 21/06/2002 5 . 0 . 0

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

*remarks - this release: .*

---

## TS 23.008 Organisation of subscriber data

Rel-5 *current version:* 5.6.0

*freeze\_meeting:* NP-15

*WG (prime / other):* N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG

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

*history (event, available, version, comments):*

NP-15 28/03/2002 5 . 0 . 0

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

NP-16 21/06/2002 5 . 1 . 0

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

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

[get it](#)

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

[get it](#)

NP-19 04/04/2003 5 . 4 . 0

[get it](#)

NP-20 27/06/2003 5 . 5 . 0

[get it](#)

NP-21 09/10/2003 5 . 6 . 0

[get it](#)

---

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

# 3GPP specification status

Page 94

04 December 2003 11:59:58

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

---

<b>TS 23.009</b>	<b>Handover procedures</b>				
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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>			
	NP-18 02/01/2003 5 . 3 . 0	<a href="#">get it</a>			
	NP-19 24/03/2003 5 . 4 . 0	<a href="#">get it</a>			
	NP-20 27/06/2003 5 . 5 . 0	<a href="#">get it</a>			
	NP-21 10/10/2003 5 . 6 . 0	<a href="#">get it</a>			

---

<b>TS 23.011</b>	<b>Technical realization of Supplementary Services</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, comments):</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 23.012</b>	<b>Location management procedures</b>				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-15 28/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-20 01/07/2003 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	NP-21 09/10/2003 5 . 2 . 0	<a href="#">get it</a>			

---

<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>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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> .		

---

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

# 3GPP specification status

Page 95

04 December 2003 11:59:58

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

---

<b>TS 23.015</b>	<b>Technical realization of Operator Determined Barring (ODB)</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</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 23.016</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	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</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> 5.8.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</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>			
	NP-18 07/01/2003 5 . 5 . 0	<a href="#">get it</a>			
	NP-19 04/04/2003 5 . 6 . 0	<a href="#">get it</a>			
	NP-20 27/06/2003 5 . 7 . 0	<a href="#">get it</a>			
	NP-21 09/10/2003 5 . 8 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 23.031</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 2</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-18	G: yes U: yes	MCC: POPE, Maurice		
<i>history (event, available, version, comments):</i>					
	SP-18 06/01/2003 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5		
	Technically identical to 43.031 v5.0.0		<i>remarks - this release:</i> Created from 43.031 Rel-5. -> 23.031.		

---

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



# 3GPP specification status

Page 96

04 December 2003 11:59:59

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

---

<b>TS 23.032</b>	<b>Universal Geographical Area Description (GAD)</b>						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-19	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>						
	SP-19 27/03/2003 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> S2 responsibility?	
						<i>remarks - this release:</i> .	
<hr/>							
<b>TS 23.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 2</b>						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i>				
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</i>						
	NP-16 26/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>	
	NP-18 18/12/2002 5 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i> .	
	NP-19 24/03/2003 5 . 2 . 0				<a href="#">get it</a>		
<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, comments):</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> .	
<hr/>							
<b>TS 23.038</b>	<b>Alphabets and language-specific information</b>						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited			
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>						
	TP-15 21/03/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>	
						<i>remarks - this release:</i> .	
<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-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited			
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>						
	TP-16 02/07/2002 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 access.

# 3GPP specification status

Page 97

04 December 2003 11:59:59

ACTIVE specs 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 23.040 Technical realization of Short Message Service (SMS)

Rel-5 *current version:* 5.6.1  
*freeze\_meeting:* TP-15  
*history (event, available, version, comments):*

NP-12	05/07/2001	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	2003-12-03: Note that this spec also contains stage 3.
TP-13	03/10/2001	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	.
TP-14	11/01/2002	5 . 2 . 0	<a href="#">get it</a>		
TP-15	26/03/2002	5 . 3 . 0	<a href="#">get it</a>		
TP-16	05/07/2002	5 . 4 . 0	<a href="#">get it</a>		
TP-17	18/09/2002	5 . 5 . 0	<a href="#">get it</a>		
post TP-17: adds	24/09/2002	5 . 5 . 1	<a href="#">get it</a>		
test vector file					
TP-20	26/06/2003	5 . 6 . 0	<a href="#">get it</a>		figures 15h & g illegible
TP-20	03/10/2003	5 . 6 . 1	<a href="#">get it</a>		fixes illegible figures

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

---

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

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* TP-16  
*history (event, available, version, comments):*

TP-16	26/06/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4
TP-19	24/03/2003	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	.

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

---

## TS 23.042 Compression algorithm for SMS

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

TP-16	26/06/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	.

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

---

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

# 3GPP specification status

Page 98

04 December 2003 11:59:59

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

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>
TP-18	02/01/2003	5	.	5	.	0	<a href="#">get it</a>
TP-19	26/03/2003	5	.	6	.	0	<a href="#">get it</a>
TP-20	23/06/2003	5	.	7	.	0	<a href="#">get it</a>

---

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

SP-16	28/06/2002	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> No draft. <i>remarks - this release:</i> .
-------	------------	---	---	---	---	---	--

---

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

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 access.

# 3GPP specification status

Page 99

04 December 2003 12:00:00

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

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>	
SP-18	10/01/2003	5 . 4 . 0	<a href="#">get it</a>	Seems that approved CR418 was not implemented.
SP-19	27/03/2003	5 . 5 . 0	<a href="#">get it</a>	
SP-20	20/06/2003	5 . 6 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-16	24/06/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5
NP-20	27/06/2003	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
NP-21	09/10/2003	5 . 2 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-16	24/06/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
-------	------------	-----------	------------------------	---

---

## TS 23.072 Call Deflection Supplementary Service; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-16	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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 100

04 December 2003 12:00:00

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

Rel-5 *current version:* 5.5.1 *WG (prime / other):* N2 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG  
*freeze\_meeting:* NP-16 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*history (event, available, version, comments):*

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.
NP-18	18/12/2002	5 . 2 . 0	<a href="#">get it</a>	
NP-19	25/03/2003	5 . 3 . 0	<a href="#">get it</a>	
NP-20	20/06/2003	5 . 4 . 0	<a href="#">get it</a>	
NP-21	29/09/2003	5 . 5 . 0	<a href="#">get it</a>	
remove redundant SDL files	08/10/2003	5 . 5 . 1	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*Chalmers*

*history (event, available, version, comments):*

NP-15	28/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5
NP-16	21/06/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
NP-18	07/01/2003	5 . 2 . 0	<a href="#">get it</a>	
NP-21	09/10/2003	5 . 3 . 0	<a href="#">get it</a>	

---

## TS 23.081 Line Identification supplementary services; Stage 2

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

*history (event, available, version, comments):*

NP-16	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> .
NP-19	04/04/2003	5 . 2 . 0	<a href="#">get it</a>	

---

## TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

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

*history (event, available, version, comments):*

NP-16	21/06/2002	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 access.

# 3GPP specification status

Page 101

04 December 2003 12:00:00

ACTIVE specs 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 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
NP-17 17/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

---

**TS 23.084 MultiParty (MPTY) Supplementary Service; Stage 2**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-12 27/06/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-16 24/06/2002 5 . 0 . 0 [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 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-16 24/06/2002 5 . 0 . 0 [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 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 102

04 December 2003 12:00:01

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

---

<b>TS 23.088</b>	<b>Call Barring (CB) Supplementary Service; Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 23.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CROOK, Mick	ORANGE PCS LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<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>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 21/06/2002 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 23.093</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>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 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>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5
	post NP-16 edito: 01/07/2002 5 . 0 . 1				<a href="#">get it</a>	<i>remarks - this release:</i> .
	make fig 5.1 visible					

---

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

# 3GPP specification status

Page 103

04 December 2003 12:00:01

ACTIVE specs 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 23.096 Name Identification Supplementary Service; Stage 2

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

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

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

---

## TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2

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

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

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

---

## TS 23.107 Quality of Service (QoS) concept and architecture

Rel-5 *current version:* 5.10.0  
*freeze\_meeting:* SP-15  
*history (event, available, version, comments):*  
SP-11 11/04/2001 5 . 0 . 0  
SP-12 29/06/2001 5 . 1 . 0  
SP-13 12/10/2001 5 . 2 . 0  
SP-14 07/01/2002 5 . 3 . 0  
SP-15 07/04/2002 5 . 4 . 0  
SP-16 17/06/2002 5 . 5 . 0  
SP-17 24/09/2002 5 . 6 . 0  
SP-18 10/01/2003 5 . 7 . 0  
SP-19 27/03/2003 5 . 8 . 0  
SP-20 26/06/2003 5 . 9 . 0  
SP-21 01/10/2003 5 . 10 . 0

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

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

---

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

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

*WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*G: yes U: yes* *MCC:* JORGENSEN, Per Johan

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

---

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



# 3GPP specification status

Page 104

04 December 2003 12:00:01

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

---

<b>TS 23.110</b>	<b>UMTS Access Stratum Services and Functions</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S2 / -		<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-22		G: yes U: yes		<i>MCC:</i>	YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>								
	upgrade to Rel-5	09/10/2003	5 . 0 . 0	Created when discovered it was missing	<a href="#">get it</a>	<i>remarks - general:</i>			
	following SP-21			post SP-21. To be ratified SP-22.		<i>remarks - this release:</i>	.		
<hr/>									
<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		G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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>	.		
<hr/>									
<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		G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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>	.		
<hr/>									
<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> 5.3.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation			
	<i>freeze_meeting:</i> NP-15		G: U: yes		<i>MCC:</i>	JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</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>	.		
	NP-18	18/12/2002	5 . 2 . 0		<a href="#">get it</a>				
	NP-21	10/10/2003	5 . 3 . 0		<a href="#">get it</a>				
<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, Christophe	ERICSSON RESEARCH CANADA			
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i>	YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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>				

---

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

# 3GPP specification status

Page 105

04 December 2003 12:00:02

ACTIVE specs 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 23.135 Multicall supplementary service; Stage 2

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

---

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

Rel-5 *current version:* 5.8.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG  
*freeze\_meeting:* TP-15 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
TP-13 05/10/2001 5 . 0 . 0 [get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.  
TP-14 11/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* 2002-01-25: WAP forum elements will not be ready in time for Rel-5, so suspend SDO  
publication till it is available.  
TP-15 29/03/2002 5 . 2 . 0 [get it](#)  
TP-16 05/07/2002 5 . 3 . 0 Schema delivered 2002-07-07 (uploaded [get it](#)  
-19) to  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series/23.140/schema/REL-5-MM7-1-0](http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-0).  
TP-17 30/09/2002 5 . 4 . 0 Schema v1.1 uploaded 2002-11-14. [get it](#)  
TP-18 20/12/2002 5 . 5 . 0 Schema v1.2 (REL-5-MM7-1-2.xsd) [get it](#)  
uploaded 2003-01-08 and version without  
file extension 2003-01-14.  
TP-19 31/03/2003 5 . 6 . 0 [get it](#)  
TP-20 25/06/2003 5 . 7 . 0 [get it](#)  
TP-21 03/10/2003 5 . 8 . 0 [get it](#)

---

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

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

---

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

# 3GPP specification status

Page 106

04 December 2003 12:00:02

ACTIVE specs 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 23.153 Out of Band Transcoder Control; Stage 2

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-15	28/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5
NP-16	21/06/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
NP-17	18/09/2002	5 . 2 . 0	<a href="#">get it</a>	
NP-18	09/01/2003	5 . 3 . 0	<a href="#">get it</a>	
NP-19	04/04/2003	5 . 4 . 0	<a href="#">get it</a>	
NP-20	27/06/2003	5 . 5 . 0	<a href="#">get it</a>	
NP-21	09/10/2003	5 . 6 . 0	<a href="#">get it</a>	

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-16 *G:* U: yes *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

draft	18/04/2002	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-16	25/06/2002	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
NP-16	28/06/2002	5 . 0 . 0	<a href="#">get it</a>	
NP-18	09/01/2003	5 . 1 . 0	<a href="#">get it</a>	
NP-21	03/10/2003	5 . 2 . 0	<a href="#">get it</a>	

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* SP-20 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

draft	24/03/2003	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Created as a result of 23.895.
SP-19	24/03/2003	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> SP-20: approved as a Rel-5 document, not Rel-6.
S2-32		1 . 2 . 0		S2-031951 (inc in RP-030234)
draft		1 . 3 . 0		Tech identical to v1.2.0; S2-031953
SP-20		2 . 0 . 0		SP-030314
SP-20	17/06/2003	2 . 1 . 0	<a href="#">get it</a>	SP-030335; incorporates RP-20 decisions re IMEISV vs bitmap resolved (ie remove IMEISV)
SP-20	20/06/2003	5 . 0 . 0	<a href="#">get it</a>	
SP-21	01/10/2003	5 . 1 . 0	<a href="#">get it</a>	

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

# 3GPP specification status

Page 107

04 December 2003 12:00:02

ACTIVE specs 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 23.205 Bearer-independent circuit-switched core network; Stage 2

Rel-5 *current version:* 5.6.0

*freeze\_meeting:* NP-15

*history (event, available, version, comments):*

NP-14	10/01/2002	5	.	0	.	0
NP-15	28/03/2002	5	.	1	.	0
NP-16	21/06/2002	5	.	2	.	0
NP-17	18/09/2002	5	.	3	.	0
NP-18	07/01/2003	5	.	4	.	0
NP-19	04/04/2003	5	.	5	.	0
NP-20	27/06/2003	5	.	6	.	0

WG (*prime / other*): N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson

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

[get it](#) *remarks - general:* 2000-10: Rap change from Keutmann.

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

Rel-5 *current version:* 5.8.0

*freeze\_meeting:* SP-15

*history (event, available, version, comments):*

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

WG (*prime / other*): S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.

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

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

# 3GPP specification status

Page 108

04 December 2003 12:00:03

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

Rel-5 *current version:* 5.6.0

*freeze\_meeting:* NP-15

*WG (prime / other):* N1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK

*G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

draft	30/03/2001	0 . 5 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
draft	20/08/2001	0 . 5 . 2	<a href="#">get it</a>	<i>remarks - this release:</i> .
draft	11/09/2001	0 . 6 . 0	<a href="#">get it</a>	
draft	10/10/2001	0 . 7 . 0	<a href="#">get it</a>	
draft	05/11/2001	0 . 8 . 0	<a href="#">get it</a>	
draft	19/11/2001	0 . 9 . 0	<a href="#">get it</a>	
NP-14	05/12/2001	1 . 0 . 0	<a href="#">get it</a>	NP-010640
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	26/02/2002	2 . 0 . 0	<a href="#">get it</a>	
NP-15	19/03/2002	2 . 0 . 1	<a href="#">get it</a>	NP-020047
NP-15	19/03/2002	5 . 0 . 0	<a href="#">get it</a>	
NP-16	25/06/2002	5 . 1 . 0	<a href="#">get it</a>	
NP-17	17/09/2002	5 . 2 . 0	<a href="#">get it</a>	
NP-18	18/12/2002	5 . 3 . 0	<a href="#">get it</a>	
NP-19	24/03/2003	5 . 4 . 0	<a href="#">get it</a>	
NP-20	03/07/2003	5 . 5 . 0	<a href="#">get it</a>	
NP-21	30/09/2003	5 . 6 . 0	<a href="#">get it</a>	

---

## TS 23.221 Architectural requirements

Rel-5 *current version:* 5.8.0

*freeze\_meeting:* SP-15

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

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

*history (event, available, version, comments):*

SP-11	06/04/2001	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Derived from R99-specific 23.121
SP-12	02/07/2001	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	05/04/2002	5 . 4 . 0	<a href="#">get it</a>	
SP-16	18/06/2002	5 . 5 . 0	<a href="#">get it</a>	
SP-17	02/10/2002	5 . 6 . 0	<a href="#">get it</a>	
SP-18	10/01/2003	5 . 7 . 0	<a href="#">get it</a>	
SP-21	01/10/2003	5 . 8 . 0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 109

04 December 2003 12:00:03

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S2 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

SP-12		2	.	0	.	0	SP-010336		<i>remarks - general:</i> 2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set.
SP-12	29/06/2001	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> WI approved TSG#7
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>	

---

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson  
*freeze\_meeting:* TP-15 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-14	11/01/2002	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
TP-15	26/03/2002	5	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> .

---

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

Rel-5 *current version:* 5.10.0 *WG (prime / other):* S2 / - *rapporteur:* TOWLE, Thomas Lucent Technologies  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

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>
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>	
SP-18	07/01/2003	5	.	7	.	0		<a href="#">get it</a>	
SP-19	27/03/2003	5	.	8	.	0		<a href="#">get it</a>	
SP-20	20/06/2003	5	.	9	.	0		<a href="#">get it</a>	
SP-21	01/10/2003	5	.	10	.	0		<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 110

04 December 2003 12:00:04

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S2 / - *rapporteur:* TERRILL, Stephen Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

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>	

---

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

Rel-5 *current version:* 5.8.0 *WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

SP-13	15/10/2001	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
SP-14	07/01/2002	5	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> .
SP-15	29/03/2002	5	.	2	.	0		<a href="#">get it</a>	
SP-16	18/06/2002	5	.	3	.	0		<a href="#">get it</a>	
SP-17	24/09/2002	5	.	4	.	0		<a href="#">get it</a>	
SP-18	09/01/2003	5	.	5	.	0		<a href="#">get it</a>	
SP-19	27/03/2003	5	.	6	.	0		<a href="#">get it</a>	
SP-20	23/06/2003	5	.	7	.	0		<a href="#">get it</a>	
SP-21	02/10/2003	5	.	8	.	0		<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 111

04 December 2003 12:00:04

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N2 / - *rapporteur:* REMOQUILLO, Angelica Lucent Technologies  
*freeze\_meeting:* NP-18 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*history (event, available, version, comments):*

NP-14	02/01/2002	1	.	0	.	0	NP-010586	<a href="#">get it</a>	<i>remarks - general:</i> 2001-10-26: renumbered from 23.178.
NP-15	19/03/2002	1	.	1	.	0	NP-020059	<a href="#">get it</a>	<i>remarks - this release:</i> Was briefly 23.178. CAMEL Phase 4.
NP-16	26/06/2002	2	.	0	.	0	NP-020207 - not approved	<a href="#">get it</a>	
NP-17	24/09/2002	2	.	1	.	0	NP-020348	<a href="#">get it</a>	
NP-17	17/09/2002	5	.	0	.	0		<a href="#">get it</a>	
NP-18	10/01/2003	5	.	1	.	0		<a href="#">get it</a>	
NP-19	25/03/2003	5	.	2	.	0		<a href="#">get it</a>	
NP-20	20/06/2003	5	.	3	.	0		<a href="#">get it</a>	
NP-21	29/09/2003	5	.	4	.	0		<a href="#">get it</a>	

---

## TR 23.815 Charging implications of IMS architecture

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S2 / *rapporteur:* MILINSKI, Alexander SIEMENS AG  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

draft		0	.	0	.	0	2001-08		<i>remarks - general:</i> Was 23.915.
S2-19		0	.	1	.	0	2001-10		<i>remarks - this release:</i> 2002-04 (Rapporteur): Proposed to withdraw, since contents has now been fully absorbed into S5 specs (esp 32.225).
S2-20	20/11/2001	0	.	2	.	0		<a href="#">get it</a>	
S2-21	04/12/2001	0	.	3	.	0		<a href="#">get it</a>	
SP-14	11/01/2002	1	.	0	.	0	SP-010718	<a href="#">get it</a>	
SP-15	19/03/2002	2	.	0	.	0	SP-020144	<a href="#">get it</a>	
SP-15	05/04/2002	5	.	0	.	0		<a href="#">get it</a>	

---

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



# 3GPP specification status

Page 112

04 December 2003 12:00:05

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

---

## TR 23.871 Enhanced support for user privacy in Location Services (LCS)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S2 / *rapporteur:* KÅLL, Jan NOKIA Corporation  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

draft 0 . 0 . 1  
draft 0 . 0 . 2  
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  
S2-23 1 . 2 . 0  
draft 19/03/2002 1 . 3 . 0  
SP-15 2 . 0 . 0 not presented  
SP-16 22/07/2002 2 . 1 . 0 SP-020379  
SP-16 25/07/2002 5 . 0 . 0

*remarks - general:*

*remarks - this release:* Not to progress to Rel-6: see 23.271.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TR 23.875 Support of Push service

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S2 / *rapporteur:* UDA, Nobuyuki NTT COMWARE Corporation  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

SP-13 16/10/2001 5 . 0 . 0 derived from SP-010508  
SP-14 04/04/2002 5 . 1 . 0

*remarks - general:*

SP-13: changed number from 23.974.

*remarks - this release:* .

[get it](#)

[get it](#)

---

## TR 23.910 Circuit switched data bearer services

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

NP-14 11/01/2002 5 . 0 . 0  
NP-17 17/09/2002 5 . 1 . 0  
NP-18 06/01/2003 5 . 2 . 0  
NP-19 27/03/2003 5 . 3 . 0  
NP-21 01/10/2003 5 . 4 . 0

*remarks - general:*

03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)

*remarks - this release:* .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

# 3GPP specification status

Page 113

04 December 2003 12:00:05

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

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

---

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

Rel-5 *current version:* 5.1.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* NP-15 *MCC:* JORGENSEN, Per Johan

*G:* yes *U:* yes

*history (event, available, version, comments):*

NP-16 28/06/2002 5 . 0 . 0  
NP-19 24/03/2003 5 . 1 . 0  
correction of typo 02/06/2003 5 . 1 . 1  
on cover page

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

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

[get it](#)

---

**TS 24.007 Mobile radio interface signalling layer 3; General Aspects**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* NP-15 *MCC:* JORGENSEN, Per Johan

*G:* yes *U:* yes

*history (event, available, version, comments):*

NP-16 24/06/2002 5 . 0 . 0  
NP-17 17/09/2002 5 . 1 . 0

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

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

---

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

Rel-5 *current version:* 5.9.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* NP-15 *MCC:* JORGENSEN, Per Johan

*G:* yes *U:* yes

*history (event, available, version, comments):*

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  
NP-18 18/12/2002 5 . 6 . 0  
NP-19 24/03/2003 5 . 7 . 0  
NP-20 04/07/2003 5 . 8 . 0  
NP-21 09/10/2003 5 . 9 . 0

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

# 3GPP specification status

Page 114

04 December 2003 12:00:05

ACTIVE specs 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 24.010</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects</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> ANDERSEN, Niels Peter MOTOROLA A/S Skov		
		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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 24.011</b>	<b>Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface</b>				
Rel-5	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter MOTOROLA A/S Skov		
		G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i> NP-16 28/06/2002 5 . 0 . 0 NP-18 18/12/2002 5 . 1 . 0 NP-20 03/07/2003 5 . 2 . 0	<a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .		
<hr/>					
<b>TS 24.022</b>	<b>Radio Link Protocol (RLP) for circuit switched bearer and teleservices</b>				
Rel-5	<i>current version:</i> 5.4.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert SIEMENS AG		
		G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i> NP-14 16/01/2002 5 . 0 . 0 NP-18 06/01/2003 5 . 1 . 0  NP-19 27/03/2003 5 . 2 . 0 NP-20 23/06/2003 5 . 3 . 0 NP-21 01/10/2003 5 . 4 . 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>	<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) Interface".		
<hr/>					
<b>TS 24.030</b>	<b>Location Services (LCS); Supplementary service operations; Stage 3</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> GARAPATY, Sonia Nortel Networks (USA)		
		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i> NP-15 28/03/2002 5 . 0 . 0 NP-16 21/06/2002 5 . 1 . 0	<a href="#">get it</a> <a href="#">get it</a>	<i>remarks - general:</i> TSG#7: txfrd from SMG to 3GPP for R99. <i>remarks - this release:</i> .		

---

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

# 3GPP specification status

Page 115

04 December 2003 12:00:06

ACTIVE specs 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 24.067</b>	<b>Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3</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, comments):</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 24.072</b>	<b>Call Deflection 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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 24.080</b>	<b>Mobile radio Layer 3 supplementary service specification; Formats and coding</b>					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-15 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 18/09/2002 5 . 2 . 0				<a href="#">get it</a>	
	NP-18 07/01/2003 5 . 3 . 0				<a href="#">get it</a>	
	NP-21 09/10/2003 5 . 4 . 0				<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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 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 access.

# 3GPP specification status

Page 116

04 December 2003 12:00:06

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

---

**TS 24.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 24.084 MultiParty (MPY) Supplementary Service; Stage 3**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-16 25/06/2002 5 . 0 . 0 [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 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-16 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 access.

# 3GPP specification status

Page 117

04 December 2003 12:00:06

ACTIVE specs 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 24.088</b>	<b>Call Barring (CB) 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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 25/06/2002 5 . 0 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 24.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 3</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 25/06/2002 5 . 0 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 24.091</b>	<b>Explicit Call Transfer (ECT) 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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 25/06/2002 5 . 0 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 24.093</b>	<b>Call Completion to Busy Subscriber (CCBS); Stage 3</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 25/06/2002 5 . 0 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 24.096</b>	<b>Name 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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 118

04 December 2003 12:00:07

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

---

## TS 24.135 Multicall supplementary service; Stage 3

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* NP-15

*history (event, available, version, comments):*

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

*WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation

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

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

---

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

Rel-5 *current version:* 5.6.0

*freeze\_meeting:* NP-16

*history (event, available, version, comments):*

NP-10 05/01/2001 0 . 1 . 0 N1-001114->1378 (NP-000683)

draft 26/03/2001 0 . 4 . 0

draft 18/04/2001 0 . 5 . 0

NP-12 26/06/2001 1 . 0 . 0 NP-010278

draft 1 . 0 . 0 N1-17

draft 26/06/2001 1 . 1 . 0 N1-010944

draft 01/08/2001 1 . 2 . 0 N1-011230

draft 11/09/2001 1 . 3 . 0 N1-011363

draft 14/09/2001 1 . 4 . 0 N1-011364

draft 05/10/2001 1 . 5 . 0 N1-011496

draft 24/10/2001 1 . 6 . 0 N1-011706

draft 19/11/2001 1 . 7 . 0

NP-14 04/12/2001 1 . 8 . 0 NP-010641

draft 22/01/2002 1 . 9 . 0

draft 06/02/2002 1 . 10 . 0

draft 26/02/2002 2 . 0 . 0

draft 26/02/2002 2 . 0 . 1

NP-15 19/03/2002 2 . 0 . 2 NP-020048

NP-15 19/03/2002 5 . 0 . 0 not yet frozen

NP-16 16/07/2002 5 . 1 . 0 Enormous CRs to create this version;  
take several man.weeks to accomplish

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

NP-18 10/01/2003 5 . 3 . 0

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

NP-20 04/07/2003 5 . 5 . 0

NP-21 08/10/2003 5 . 6 . 0

*WG (prime / other):* N1 / - *rapporteur:* KISS, Krisztian

*G:* U: yes *MCC:* JORGENSEN, Per Johan

[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](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

# 3GPP specification status

Page 119

04 December 2003 12:00:08

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

---

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

Rel-5 *current version:* 5.6.0 *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, comments):*

NP-10		0 . 0 . 6			<i>remarks - general:</i> NP-14: confirmed that this is appropriate for GSM as well as UMTS.
NP-10	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>	
NP-18	20/12/2002	5 . 3 . 0		<a href="#">get it</a>	
NP-19	24/03/2003	5 . 4 . 0		<a href="#">get it</a>	
NP-20	23/06/2003	5 . 5 . 0		<a href="#">get it</a>	
NP-21	29/09/2003	5 . 6 . 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 access.



# 3GPP specification status

Page 120

04 December 2003 12:00:08

ACTIVE specs Rel-5 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 User Equipment (UE) radio transmission and reception (FDD)

Rel-5 *current version:* 5.8.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd  
*freeze\_meeting:* RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

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

---

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG  
*freeze\_meeting:* RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-15	29/03/2002	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
editor post RP-15	15/04/2002	5	.	0	.	1	Fixes change history table entry. <a href="#">get it</a> <i>remarks - this release:</i> .
RP-16	01/07/2002	5	.	1	.	0	<a href="#">get it</a>
RP-17	02/10/2002	5	.	2	.	0	<a href="#">get it</a>
RP-18	10/01/2003	5	.	3	.	0	<a href="#">get it</a>
RP-19	04/04/2003	5	.	4	.	0	<a href="#">get it</a>
RP-20	27/06/2003	5	.	5	.	0	<a href="#">get it</a>

---

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson  
*freeze\_meeting:* RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-13	03/10/2001	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
RP-14	14/01/2002	5	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> .
RP-15	29/03/2002	5	.	2	.	0	<a href="#">get it</a>
RP-16	01/07/2002	5	.	3	.	0	<a href="#">get it</a>
RP-17	02/10/2002	5	.	4	.	0	<a href="#">get it</a>
RP-18	10/01/2003	5	.	5	.	0	<a href="#">get it</a>
RP-19	04/04/2003	5	.	6	.	0	<a href="#">get it</a>
RP-20	27/06/2003	5	.	7	.	0	<a href="#">get it</a>

---

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

# 3GPP specification status

Page 121

04 December 2003 12:00:09

ACTIVE specs Rel-5 25 .- series  
Server location: [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-5 *current version:* 5.4.0

*freeze\_meeting:* RP-15

*history (event, available, version, comments):*

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

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

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

---

## TS 25.106 UTRA repeater radio transmission and reception

Rel-5 *current version:* 5.6.0

*freeze\_meeting:* RP-15

*history (event, available, version, comments):*

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

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

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

---

## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-5 *current version:* 5.4.0

*freeze\_meeting:* RP-15

*history (event, available, version, comments):*

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

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

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

---

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

# 3GPP specification status

Page 122

04 December 2003 12:00:10

ACTIVE specs Rel-5 25 .- series  
Server location: [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-5 *current version:* 5.6.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*freeze\_meeting:* RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-15	29/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
RP-16	03/07/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
RP-17	10/10/2002	5 . 2 . 0	<a href="#">get it</a>	
RP-18	10/01/2003	5 . 3 . 0	<a href="#">get it</a>	
RP-19	04/04/2003	5 . 4 . 0	<a href="#">get it</a>	
RP-20	01/07/2003	5 . 5 . 0	<a href="#">get it</a>	
RP-21	10/10/2003	5 . 6 . 0	<a href="#">get it</a>	

---

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

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

*history (event, available, version, comments):*

RP-13	10/10/2001	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
RP-14	17/01/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
RP-15	29/03/2002	5 . 2 . 0	<a href="#">get it</a>	
RP-16	04/07/2002	5 . 3 . 0	<a href="#">get it</a>	
RP-17	04/10/2002	5 . 4 . 0	<a href="#">get it</a>	
RP-18	10/01/2003	5 . 5 . 0	<a href="#">get it</a>	
RP-19	04/04/2003	5 . 6 . 0	<a href="#">get it</a>	
RP-20	02/07/2003	5 . 7 . 0	<a href="#">get it</a>	
RP-21	10/10/2003	5 . 8 . 0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 123

04 December 2003 12:00:10

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

---

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-13	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	eliminate duplicate clause numbers	<a href="#">get it</a>	
RP-17	04/10/2002	5	.	4	.	0		<a href="#">get it</a>	
RP-18	10/01/2003	5	.	5	.	0		<a href="#">get it</a>	
RP-19	04/04/2003	5	.	6	.	0		<a href="#">get it</a>	
RP-20	27/06/2003	5	.	7	.	0		<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-15	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>	
RP-18	10/01/2003	5	.	3	.	0		<a href="#">get it</a>	
RP-19	04/04/2003	5	.	4	.	0		<a href="#">get it</a>	
RP-20	27/06/2003	5	.	5	.	0		<a href="#">get it</a>	

---

## TS 25.143 UTRA repeater conformance testing

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R4 / - *rapporteur:* KUMMETZ, Thomas MIKOM GmbH - Mikrotechnik zur Kommunikation  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

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>	
RP-18	10/01/2003	5	.	3	.	0		<a href="#">get it</a>	
RP-19	04/04/2003	5	.	4	.	0		<a href="#">get it</a>	
RP-20	27/06/2003	5	.	5	.	0		<a href="#">get it</a>	
RP-21	10/10/2003	5	.	6	.	0		<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 124

04 December 2003 12:00:11

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

---

## TS 25.201 Physical layer - general description

Rel-5 *current version:* 5.2.0 *WG (prime / other):* R1 / - *rapporteur:* TOSKALA, Antti NOKIA Corporation  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa  
*history (event, available, version, comments):*  
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 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R1 / - *rapporteur:* WILDE, Andreas NEC EUROPE LTD  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa  
*history (event, available, version, comments):*  
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
RP-17 27/09/2002 5 . 2 . 0 [get it](#)  
RP-18 07/01/2003 5 . 3 . 0 [get it](#)  
RP-20 27/06/2003 5 . 4 . 0 [get it](#)  
RP-21 29/09/2003 5 . 5 . 0 [get it](#)

---

## TS 25.212 Multiplexing and channel coding (FDD)

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R1 / - *rapporteur:* TANAKA, Yoshinori Fujitsu Limited  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa  
*history (event, available, version, comments):*  
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
RP-17 27/09/2002 5 . 2 . 0 [get it](#)  
RP-18 07/01/2003 5 . 3 . 0 [get it](#)  
RP-19 04/04/2003 5 . 4 . 0 [get it](#)  
RP-20 27/06/2003 5 . 5 . 0 [get it](#)  
RP-21 29/09/2003 5 . 6 . 0 [get it](#)

---

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

# 3GPP specification status

Page 125

04 December 2003 12:00:11

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

---

## TS 25.213 Spreading and modulation (FDD)

Rel-5 *current version:* 5.4.0

*freeze\_meeting:* RP-15

*history (event, available, version, comments):*

RP-15	29/03/2002	5	.	0	.	0
RP-16	28/06/2002	5	.	1	.	0
RP-17	27/09/2002	5	.	2	.	0
RP-19	04/04/2003	5	.	3	.	0
RP-21	29/09/2003	5	.	4	.	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](#)

---

## TS 25.214 Physical layer procedures (FDD)

Rel-5 *current version:* 5.6.0

*freeze\_meeting:* RP-15

*history (event, available, version, comments):*

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

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

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

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

---

## TS 25.215 Physical layer; Measurements (FDD)

Rel-5 *current version:* 5.5.0

*freeze\_meeting:* RP-15

*history (event, available, version, comments):*

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

---

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

# 3GPP specification status

Page 126

04 December 2003 12:00:12

ACTIVE specs Rel-5 25 .- series  
Server location: [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:* 5.5.0 *WG (prime / other):* R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Panasonic Mobile Communications Co.,Ltd.  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa

*history (event, available, version, comments):*

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>
RP-18	07/01/2003	5	.	3	.	0	<a href="#">get it</a>
RP-19	04/04/2003	5	.	4	.	0	<a href="#">get it</a>
RP-20	27/06/2003	5	.	5	.	0	<a href="#">get it</a>

---

## TS 25.222 Multiplexing and channel coding (TDD)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co, Ltd  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa

*history (event, available, version, comments):*

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>
editorial to correct clause numbers	22/10/2002	5	.	2	.	1	<a href="#">get it</a>
RP-18	07/01/2003	5	.	3	.	0	<a href="#">get it</a>
RP-19	04/04/2003	5	.	4	.	0	<a href="#">get it</a>
RP-20	27/06/2003	5	.	5	.	0	<a href="#">get it</a>

---

## TS 25.223 Spreading and modulation (TDD)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa

*history (event, available, version, comments):*

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-18	07/01/2003	5	.	2	.	0	<a href="#">get it</a>
RP-19	04/04/2003	5	.	3	.	0	<a href="#">get it</a>

---

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

# 3GPP specification status

Page 127

04 December 2003 12:00:12

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

---

## TS 25.224 Physical layer procedures (TDD)

Rel-5 *current version:* 5.6.0  
*freeze\_meeting:* RP-15  
*history (event, available, version, comments):*  
RP-15 29/03/2002 5 . 0 . 0  
RP-16 28/06/2002 5 . 1 . 0  
RP-17 27/09/2002 5 . 2 . 0  
editorial to correct 22/10/2002 5 . 2 . 1  
clause numbers  
RP-18 07/01/2003 5 . 3 . 0  
RP-19 04/04/2003 5 . 4 . 0  
RP-20 27/06/2003 5 . 5 . 0  
RP-21 29/09/2003 5 . 6 . 0

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

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

---

## TS 25.225 Physical layer; Measurements (TDD)

Rel-5 *current version:* 5.5.0  
*freeze\_meeting:* RP-15  
*history (event, available, version, comments):*  
RP-15 02/04/2002 5 . 0 . 0  
RP-16 28/06/2002 5 . 1 . 0  
RP-17 27/09/2002 5 . 2 . 0  
RP-18 07/01/2003 5 . 3 . 0  
RP-19 04/04/2003 5 . 4 . 0  
RP-20 27/06/2003 5 . 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](#)

---

## TS 25.301 Radio Interface Protocol Architecture

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

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

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

---

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



# 3GPP specification status

Page 128

04 December 2003 12:00:13

ACTIVE specs Rel-5 25 .- series  
Server location: [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

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

RP-15	19/03/2002	5	.	0	.	0	<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	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	.
RP-17	18/09/2002	5	.	2	.	0	<a href="#">get it</a>		
RP-18	20/12/2002	5	.	3	.	0	<a href="#">get it</a>		
RP-19	25/03/2003	5	.	4	.	0	<a href="#">get it</a>		
RP-20	20/06/2003	5	.	5	.	0	<a href="#">get it</a>		
RP-21	02/10/2003	5	.	6	.	0	<a href="#">get it</a>		

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

---

## TS 25.303 Interlayer procedures in Connected Mode

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15  
*history (event, available, version, comments):*

RP-15	19/03/2002	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
RP-16	17/06/2002	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	.

WG (*prime / other*): R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center  
G: U: yes *MCC:* ARZELIER, Claude

---

## TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

Rel-5 *current version:* 5.3.0  
*freeze\_meeting:* RP-15  
*history (event, available, version, comments):*

RP-15	19/03/2002	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
RP-16	17/06/2002	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	.
RP-18	08/01/2003	5	.	2	.	0	<a href="#">get it</a>		
RP-20	25/06/2003	5	.	3	.	0	<a href="#">get it</a>		

WG (*prime / other*): R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation  
G: U: yes *MCC:* ARZELIER, Claude

---

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

# 3GPP specification status

Page 129

04 December 2003 12:00:13

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

---

## TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-11	27/03/2001	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Created from 25.923
RP-12	19/06/2001	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
RP-13	02/10/2001	5 . 2 . 0	<a href="#">get it</a>	
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>	
RP-19	25/03/2003	5 . 5 . 0	<a href="#">get it</a>	
RP-20	20/06/2003	5 . 6 . 0	<a href="#">get it</a>	
RP-21	02/10/2003	5 . 7 . 0	<a href="#">get it</a>	

---

## TS 25.306 UE Radio Access capabilities definition

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-15	19/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Converted from TR 25.926 at TSG#10.
RP-16	17/06/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
RP-17	18/09/2002	5 . 2 . 0	<a href="#">get it</a>	
RP-18	08/01/2003	5 . 3 . 0	<a href="#">get it</a>	
RP-19	25/03/2003	5 . 4 . 0	<a href="#">get it</a>	
RP-20	20/06/2003	5 . 5 . 0	<a href="#">get it</a>	
RP-21	02/10/2003	5 . 6 . 0	<a href="#">get it</a>	

---

## TS 25.307 Requirements on UEs supporting a release-independent frequency band

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-15	19/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, requirements. <i>remarks - this release:</i> Expect continual updates each time a new band is allowed. R4 = RF & RMM
-------	------------	-----------	------------------------	--

---

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

# 3GPP specification status

Page 130

04 December 2003 12:00:14

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

---

**TS 25.308 UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2**

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-13	01/10/2001	0 . 1 . 0	RP-010643 for approval	<a href="#">get it</a>	<i>remarks - general:</i> TS created from entrails of TR 25.855.
RP-13	02/10/2001	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .
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>	
RP-18	14/01/2003	5 . 3 . 0		<a href="#">get it</a>	
RP-19	25/03/2003	5 . 4 . 0		<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R2 / - *rapporteur:* STADLER, Thomas SIEMENS AG  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-15	19/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>
RP-16	17/06/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .
RP-17	18/09/2002	5 . 2 . 0		<a href="#">get it</a>	
RP-18	08/01/2003	5 . 3 . 0		<a href="#">get it</a>	
RP-19	25/03/2003	5 . 4 . 0		<a href="#">get it</a>	
RP-20	20/06/2003	5 . 5 . 0		<a href="#">get it</a>	
RP-21	02/10/2003	5 . 6 . 0		<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-15	19/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>
RP-16	17/06/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .
RP-17	19/09/2002	5 . 2 . 0		<a href="#">get it</a>	
RP-18	10/01/2003	5 . 3 . 0		<a href="#">get it</a>	
RP-19	25/03/2003	5 . 4 . 0		<a href="#">get it</a>	
RP-20	20/06/2003	5 . 5 . 0		<a href="#">get it</a>	
RP-21	02/10/2003	5 . 6 . 0		<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 131

04 December 2003 12:00:14

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

---

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

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

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

---

## TS 25.324 Broadcast/Multicast Control (BMC)

Rel-5 *current version:* 5.3.0  
*freeze\_meeting:* RP-15  
*history (event, available, version, comments):*  
RP-15 19/03/2002 5 . 0 . 0  
RP-16 17/06/2002 5 . 1 . 0  
RP-18 13/01/2003 5 . 2 . 0  
RP-19 25/03/2003 5 . 3 . 0

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

---

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

Rel-5 *current version:* 5.6.0  
*freeze\_meeting:* RP-15  
*history (event, available, version, comments):*  
RP-15 04/04/2002 5 . 0 . 0  
RP-16 21/06/2002 5 . 1 . 0  
RP-17 01/10/2002 5 . 2 . 0  
RP-18 03/02/2003 5 . 3 . 0  
RP-19 27/03/2003 5 . 4 . 0  
RP-20 25/06/2003 5 . 5 . 0  
RP-21 02/10/2003 5 . 6 . 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](#)

---

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

# 3GPP specification status

Page 132

04 December 2003 12:00:15

ACTIVE specs Rel-5 25 .- series  
Server location: [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> 5.6.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> GODIN, Philippe			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC: KRAUSE, Joern			
	<i>history (event, available, version, comments):</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>				
	RP-18 03/01/2003 5 . 5 . 0	<a href="#">get it</a>				
	RP-20 17/06/2003 5 . 6 . 0	<a href="#">get it</a>				

---

<b>TS 25.402</b>	<b>Synchronisation in UTRAN Stage 2</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KUNZ, Walter			SIEMENS AG
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC: KRAUSE, Joern			
	<i>history (event, available, version, comments):</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> .			
	RP-20 17/06/2003 5 . 2 . 0	<a href="#">get it</a>				

---

<b>TS 25.410</b>	<b>UTRAN Iu Interface: General Aspects and Principles</b>					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> IYER, Subramanian S.			MOTOROLA A/S
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC: KRAUSE, Joern			
	<i>history (event, available, version, comments):</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>				
	RP-18 03/01/2003 5 . 3 . 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> KUNZ, Walter			SIEMENS AG
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC: KRAUSE, Joern			
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 133

04 December 2003 12:00:15

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

---

<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>	NG, Cheng Hock	NEC Corporation
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</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 Radio Access Network Application Part (RANAP) signalling</b>					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	GUYOT, Olivier	NOKIA Corporation
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</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>		
	RP-18 03/01/2003 5 . 3 . 0			<a href="#">get it</a>		
	RP-19 26/03/2003 5 . 4 . 0			<a href="#">get it</a>		
	RP-20 17/06/2003 5 . 5 . 0			<a href="#">get it</a>		
	RP-21 30/09/2003 5 . 6 . 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> 5.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	ISRAELSSON, Martin	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</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>		
	RP-18 03/01/2003 5 . 3 . 0			<a href="#">get it</a>		
	RP-19 26/03/2003 5 . 4 . 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> 5.3.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	ISRAELSSON, Martin	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</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>		
	RP-18 03/01/2003 5 . 3 . 0			<a href="#">get it</a>		

---

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

# 3GPP specification status

Page 134

04 December 2003 12:00:16

ACTIVE specs Rel-5 25 .- series  
Server location: [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> 5.5.0	<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, comments):</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>					
	RP-19 26/03/2003 5 . 3 . 0	<a href="#">get it</a>					
	RP-20 17/06/2003 5 . 4 . 0	<a href="#">get it</a>					
	RP-21 30/09/2003 5 . 5 . 0	<a href="#">get it</a>					

---

<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> MIAH, Babul	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</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> .				

---

<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> KUNZ, Walter	SIEMENS AG			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</i>						
	TP-15 25/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				

---

<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> MIAH, Babul	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</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> .				

---

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

# 3GPP specification status

Page 135

04 December 2003 12:00:17

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

---

<b>TS 25.423</b>	<b>UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling</b>						
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> ERICSSON, Ingela	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</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>	One CR endorsed by PCG		
	RP-17	11/10/2002	5 . 3 . 0	<a href="#">get it</a>			
	RP-18	03/01/2003	5 . 4 . 0	<a href="#">get it</a>			
	RP-19	31/03/2003	5 . 5 . 0	<a href="#">get it</a>			
	RP-20	17/06/2003	5 . 6 . 0	<a href="#">get it</a>			
	RP-21	30/09/2003	5 . 7 . 0	<a href="#">get it</a>			

---

<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> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</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-21	30/09/2003	5 . 2 . 0	<a href="#">get it</a>			

---

<b>TS 25.425</b>	<b>UTRAN Iur interface user plane protocols for CCH data streams</b>						
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</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>			
	RP-18	03/01/2003	5 . 3 . 0	<a href="#">get it</a>			
	RP-19	26/03/2003	5 . 4 . 0	<a href="#">get it</a>			
	RP-20	17/06/2003	5 . 5 . 0	<a href="#">get it</a>			

---

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



# 3GPP specification status

Page 136

04 December 2003 12:00:17

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

---

<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> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KEKKI, Sami	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</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>		
	RP-21	30/09/2003	5 . 3 . 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> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HAKULI, Tuomas	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-15	25/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-18	03/01/2003	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	RP-21	30/09/2003	5 . 2 . 0	<a href="#">get it</a>		
<hr/>						
<b>TS 25.430</b>	<b>UTRAN Iub Interface: General Aspects and Principles</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KOIZUMI, Yoshiko	Fujitsu Limited		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-15	25/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
edito post	RP-15		5 . 0 . 1		<i>remarks - this release:</i> .	not produced
	RP-16	28/06/2002	5 . 1 . 0	<a href="#">get it</a>		To include CR029r2 from RP-15 which was forgotten in v5.0.0.
	RP-17	03/10/2002	5 . 2 . 0	<a href="#">get it</a>		
<hr/>						
<b>TS 25.431</b>	<b>UTRAN Iub interface Layer 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KUNZ, Walter	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 137

04 December 2003 12:00:18

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

---

## TS 25.432 UTRAN lub interface: signalling transport

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern  
*history (event, available, version, comments):*  
RP-15 25/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
edito post RP-15 03/04/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .  
RP-17 03/10/2002 5 . 1 . 0 [get it](#)

---

## TS 25.433 UTRAN lub interface NBAP signalling

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R3 / - *rapporteur:* SEHEDIC, Yann NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern  
*history (event, available, version, comments):*  
RP-15 04/04/2002 5 . 0 . 0 2003-08-18: implementation error of [get it](#) *remarks - general:*  
CR609r1. Will be corrected RP-21. *remarks - this release:* .  
RP-16 19/07/2002 5 . 1 . 0 [get it](#)  
RP-17 11/10/2002 5 . 2 . 0 [get it](#)  
RP-18 03/01/2003 5 . 3 . 0 [get it](#)  
RP-19 31/03/2003 5 . 4 . 0 [get it](#)  
RP-20 17/06/2003 5 . 5 . 0 [get it](#)  
RP-21 02/10/2003 5 . 6 . 0 [get it](#)

---

## TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-5 *current version:* 5.2.0 *WG (prime / other):* R3 / - *rapporteur:* LAVASANI, Shahab TeliaSonera AB  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern  
*history (event, available, version, comments):*  
RP-15 02/04/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
RP-21 30/09/2003 5 . 2 . 0 [get it](#)

---

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

# 3GPP specification status

Page 138

04 December 2003 12:00:18

ACTIVE specs Rel-5 25 .- series  
Server location: [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>						
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> STOJANOVSKI, Saso	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</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>					
	RP-18 03/01/2003 5 . 3 . 0	<a href="#">get it</a>					
	RP-19 26/03/2003 5 . 4 . 0	<a href="#">get it</a>					
	RP-20 17/06/2003 5 . 5 . 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> HAUSER, Alexander	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</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)		<i>remarks - this release:</i> .				
	RP-17 03/10/2002 5 . 1 . 0	<a href="#">get it</a>					
<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> JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</i>						
	RP-12 2 . 0 . 0 RP-010400		<i>remarks - general:</i>				
	RP-12 05/07/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	RP-14 11/01/2002 5 . 1 . 0	<a href="#">get it</a>					
<hr/>							
<b>TS 25.451</b>	<b>UTRAN lupc interface layer 1</b>						
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</i>						
	RP-12 2 . 0 . 0 RP-010401		<i>remarks - general:</i>				
	RP-12 05/07/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	correction to 24/04/2002 5 . 0 . 1	<a href="#">get it</a>					
	history table						

---

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

# 3GPP specification status

Page 139

04 December 2003 12:00:19

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

---

<b>TS 25.452</b>	<b>UTRAN IuCS interface: signalling transport</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-13 26/09/2001 2 . 0 . 0				RP-010640	<a href="#">get it</a> <i>remarks - general:</i>
	RP-13 12/10/2001 5 . 0 . 0					<a href="#">get it</a> <i>remarks - this release:</i> .
<hr/>						
<b>TS 25.453</b>	<b>UTRAN IuCS interface Positioning Calculation Application Part (PCAP) signalling</b>					
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-12 05/07/2001 2 . 0 . 0				RP-010402	<i>remarks - general:</i>
	RP-12 05/07/2001 5 . 0 . 0					<a href="#">get it</a> <i>remarks - this release:</i> .
	RP-13 12/10/2001 5 . 1 . 0					<a href="#">get it</a>
	RP-14 11/01/2002 5 . 2 . 0					<a href="#">get it</a>
	RP-15 25/03/2002 5 . 3 . 0					<a href="#">get it</a>
	RP-16 28/06/2002 5 . 4 . 0					<a href="#">get it</a>
	RP-19 26/03/2003 5 . 5 . 0					<a href="#">get it</a>
	RP-20 17/06/2003 5 . 6 . 0					<a href="#">get it</a>
	RP-21 30/09/2003 5 . 7 . 0					<a href="#">get it</a>
<hr/>						
<b>TR 25.854</b>	<b>Uplink Synchronous Transmission Scheme (USTS)</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> KIM, Duk Kyung	SK TELECOM		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-13 01/10/2001 1 . 0 . 0				RP-010647	<a href="#">get it</a> <i>remarks - general:</i>
	RP-11 05/04/2001 1 . 0 . 0				RP-010428 at RP-12	<a href="#">get it</a> <i>remarks - this release:</i>
	RP-14 02/01/2002 2 . 0 . 0				RP-010826	<a href="#">get it</a>
	RP-14 11/01/2002 5 . 0 . 0					<a href="#">get it</a>
<hr/>						
<b>TR 25.858</b>	<b>Physical layer aspects of UTRA High Speed Downlink Packet Access</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> GHOSH, Amitabha	Motorola Inc.		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-14 02/01/2002 1 . 0 . 0				RP-010823	<a href="#">get it</a> <i>remarks - general:</i>
	RP-15 04/04/2002 2 . 0 . 0				RP-020255	<a href="#">get it</a> <i>remarks - this release:</i> .
	RP-15 29/03/2002 5 . 0 . 0					<a href="#">get it</a>

---

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

# 3GPP specification status

Page 140

04 December 2003 12:00:20

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

---

<b>TR 25.859</b>	<b>User Equipment (UE) positioning enhancements for 1,28 Mcps TDD</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> RP-15					
	<i>history (event, available, version, comments):</i>	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	draft 0 . 0 . 0				<i>remarks - general:</i>	
	draft 04/09/2001 0 . 1 . 0				<i>remarks - this release:</i> .	
	RP-13 02/10/2001 1 . 0 . 1 RP-010560				<a href="#">get it</a>	
	RP-15 19/03/2002 2 . 0 . 0 RP-020089				<a href="#">get it</a>	
	RP-15 19/03/2002 2 . 0 . 1 RP-020214				<a href="#">get it</a>	
	RP-15 19/03/2002 5 . 0 . 0				<a href="#">get it</a>	

---

<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, comments):</i>					
	RP-15 19/03/2002 1 . 0 . 0 RP-020087				<i>remarks - general:</i>	
	RP-16 25/06/2002 2 . 0 . 0 RP-020344				<i>remarks - this release:</i> .	
	RP-16 17/06/2002 5 . 0 . 0				<a href="#">get it</a>	

---

<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			China Academy of Telecommunications Technology
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-13 01/10/2001 1 . 0 . 0 RP-010668				<i>remarks - general:</i>	
	RP-14 02/01/2002 1 . 1 . 0 RP-010898				<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					

---

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

# 3GPP specification status

Page 141

04 December 2003 12:00:21

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

---

## TR 25.870 Enhancement on the DSCH Hard Split mode

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

RP-12	28/06/2001	0	1	0	RP-010420	<a href="#">get it</a>	<i>remarks - general:</i>
draft	14/09/2001	1	0	0	RP-010534	<a href="#">get it</a>	<i>remarks - this release:</i> .
RP-14	02/01/2002	1	1	0	RP-010841	<a href="#">get it</a>	
RP-15	19/03/2002	2	0	0	RP-020127	<a href="#">get it</a>	
RP-15	29/03/2002	5	0	0		<a href="#">get it</a>	

WG (prime / other): R1 / *rapporteur:* KIM, Jaeyoel Samsung Electronics Ind. Co., Ltd.  
G: U: yes *MCC:* SASAKI, Tsukasa

---

## TR 25.875 NAS node selector function

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

RP-11	06/04/2001	0	0	1		<a href="#">get it</a>	<i>remarks - general:</i>
RP-14	02/01/2002	1	0	0	RP-010881	<a href="#">get it</a>	<i>remarks - this release:</i>
RP-15	19/03/2002	2	0	0	RP-020153	<a href="#">get it</a>	
RP-15	25/03/2002	5	0	0		<a href="#">get it</a>	

WG (prime / other): R3 / *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc  
G: U: yes *MCC:* KRAUSE, Joern

---

## TR 25.877 High Speed Downlink Packet Access (HSDPA) - lub/lur Protocol Aspects

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15  
*history (event, available, version, comments):*

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	R3-020891 = RP-020157	<a href="#">get it</a>	
RP-15	28/02/2002	2	0	0	R3-020892 = RP-020158	<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>	

WG (prime / other): R3 / *rapporteur:* DIESEN, Michael MOTOROLA Ltd  
G: U: yes *MCC:* KRAUSE, Joern

---

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



# 3GPP specification status

Page 143

04 December 2003 12:00:22

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

---

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

---

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

---

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



# 3GPP specification status

Page 144

04 December 2003 12:00:22

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

---

<b>TR 25.882</b>	<b>1,28 Mcps TDD option base station classification</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MEYER, Juergen	SIEMENS AG	
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
	<i>history (event, available, version, comments):</i>				
	RP-13 01/10/2001 1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-14 02/01/2002 1 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.
	RP-16 25/06/2002 2 . 0 . 0		<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	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> VAN LIESHOUT, Gert-Jan	SAMSUNG Electronics Research Institute	
	<i>freeze_meeting:</i> RP-16	G: U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>				
	draft 03/12/2001 0 . 2 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-16 25/06/2002 1 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.
	RP-16 25/06/2002 2 . 0 . 0		<a href="#">get it</a>		
	RP-16 25/06/2002 2 . 0 . 1		<a href="#">get it</a>		
	RP-16 28/06/2002 5 . 0 . 0		<a href="#">get it</a>		

---

<b>TR 25.884</b>	<b>Iur Neighbouring cell reporting efficiency optimisation</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> VOLTOLINA, Elena Eva	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-16	G: U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>				
	referred to at 11/01/2002 0 . 1 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	Previous rapporteur: Shahrokh Amirijoo.
	RP-13			<i>remarks - this release:</i>	.
	RP-15 19/03/2002 1 . 0 . 0		<a href="#">get it</a>		
	RP-15 19/03/2002 2 . 0 . 0		<a href="#">get it</a>		
	RP-15 02/04/2002 5 . 0 . 0		<a href="#">get it</a>		

---

<b>TR 25.890</b>	<b>High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD)</b>				
Rel-5	<i>current version:</i> 1.0.0	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> FERNANDES, Edgar	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
	<i>history (event, available, version, comments):</i>				
	draft 0 . 0 . 0			<i>remarks - general:</i>	
	RP-16 26/06/2002 1 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.

---

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

# 3GPP specification status

Page 145

04 December 2003 12:00:23

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

---

<b>TR 25.921</b>	<b>Guidelines and principles for protocol description and error handling</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	R2 / -	<i>rapporteur:</i>	KALLA, Gairn	NOKIA UK Ltd
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude	
	<i>history (event, available, version, comments):</i>					
	RP-15 19/03/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-18 13/01/2003 5 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	.
	RP-21 02/10/2003 5 . 2 . 0			<a href="#">get it</a>		
<hr/>						
<b>TR 25.922</b>	<b>Radio Resource Management Strategies</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R2 / -	<i>rapporteur:</i>	BULDORINI, Andrea	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude	
	<i>history (event, available, version, comments):</i>					
	RP-15 19/03/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-21 02/10/2003 5 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	.
<hr/>						
<b>TR 25.931</b>	<b>UTRAN Functions, examples on signalling procedures</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	CASALINO, Francesco	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</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>TR 25.933</b>	<b>IP transport in UTRAN</b>					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	DREVON, Nicolas	ALCATEL S.A.
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>					
	RP-15 28/03/2002 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>	2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).
	RP-17 03/10/2002 5 . 2 . 0			<a href="#">get it</a>		
	RP-20 17/06/2003 5 . 3 . 0			<a href="#">get it</a>		
<hr/>						
<b>TR 25.942</b>	<b>RF system scenarios</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R4 / -	<i>rapporteur:</i>	BENABDALLAH, Nadia	Vodafone Omnitel N.V
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
	<i>history (event, available, version, comments):</i>					
	RP-15 02/04/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	Additional rapporteur = A.De Pasquale.
	RP-16 03/07/2002 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 access.

# 3GPP specification status

Page 146

04 December 2003 12:00:23

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

---

<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, comments):</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>	

---

<b>TR 25.945</b>	<b>RF requirements for low chip rate TDD option</b>								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version, comments):</i>								
	RP-15	02/04/2002	5	.	0	.	0		
								<a href="#">get it</a>	<i>remarks - general:</i>
									<i>remarks - this release:</i> .

---

<b>TR 25.952</b>	<b>Base Station classification (TDD)</b>								
Rel-5	<i>current version:</i> 5.2.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version, comments):</i>								
	RP-12		2	.	0	.	0	RP-010457	
	RP-12	29/06/2001	5	.	0	.	0		
	RP-16	03/07/2002	5	.	1	.	0		
	RP-19	04/04/2003	5	.	2	.	0		
								<a href="#">get it</a>	<i>remarks - general:</i>
								<a href="#">get it</a>	<i>remarks - this release:</i> promoted from Rel-4 at RP-12.
								<a href="#">get it</a>	

---

<b>TR 25.956</b>	<b>UTRA repeater: Planning guidelines and system analysis</b>								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version, comments):</i>								
	RP-15	02/04/2002	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 access.

# 3GPP specification status

Page 147

04 December 2003 12:00:24

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

---

<b>TR 25.991</b>	<b>Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MOSHAVI, Shimon	INTEL CORPORATION SARL				
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-14	02/01/2002	1 . 0 . 0	RP-010892	<a href="#">get it</a>	remarks - general:			
	RP-15	19/03/2002	2 . 0 . 0	RP-020121	<a href="#">get it</a>	remarks - this release:	.		
	RP-15	02/04/2002	5 . 0 . 0		<a href="#">get it</a>				
	RP-18	10/01/2003	5 . 1 . 0		<a href="#">get it</a>				
<hr/>									
<b>TR 25.993</b>	<b>Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i>	ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	RP-18	13/01/2003	5 . 0 . 0	Back creation from Rel-6 version	<a href="#">get it</a>	remarks - general:			
						remarks - this release:	Pointer to latest release version.		
<hr/>									
<b>TR 25.994</b>	<b>Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults</b>								
Rel-5	<i>current version:</i> 0.0.0	DRAFT	<i>WG (prime / other):</i> R2 / R1,	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.				
	<i>freeze_meeting:</i> SP-15		R3, R4						
			G: U: yes	<i>MCC:</i>	ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	RP-18	06/01/2003	0 . 0 . 0	RP-020880	<a href="#">get it</a>	remarks - general:	RP-20: Primary responsibility moved from RP to R2.		
						remarks - this release:	.		
<hr/>									
<b>TR 25.995</b>	<b>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</b>								
Rel-5	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> R2 / R1,	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.				
	<i>freeze_meeting:</i> SP-15		R3, R4						
			G: U: yes	<i>MCC:</i>	ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	draft		0 . 0 . 1			remarks - general:	RP-20: Primary responsibility moved from RP to R2.		
						remarks - this release:	.		

---

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

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

# 3GPP specification status

Page 148

04 December 2003 12:00:24

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

---

<b>TS 26.071</b>	<b>AMR speech Codec; 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-16		G: yes U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</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 26.073</b>	<b>AMR speech Codec; C-source code</b>								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-16		G: yes U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	SP-16 28/06/2002 5 . 0 . 0				<a href="#">get it</a>		<i>remarks - general:</i>		<i>remarks - this release:</i> .
	SP-19 04/04/2003 5 . 1 . 0				<a href="#">get it</a>		<i>remarks - this release:</i> .		
	SP-21 02/10/2003 5 . 2 . 0	Note missing C-code line in CR which created this version has been corrected by WG Secretary.			<a href="#">get it</a>				
<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, comments):</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 suppresser application to the Adaptive Multi-Rate (AMR) speech encoder</b>								
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-16		G: yes U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	SP-16 28/06/2002 5 . 0 . 0				<a href="#">get it</a>		<i>remarks - general:</i>		<i>remarks - this release:</i> .
	correct spelling 17/06/2003 5 . 0 . 1	No SDO publication necessary			<a href="#">get it</a>		<i>remarks - this release:</i> .		
	mistake in title								
<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, comments):</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 acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 149

04 December 2003 12:00:25

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

---

<b>TS 26.091</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, comments):</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 26.092</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, comments):</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> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 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> .			
	SP-18 03/01/2003 5 . 2 . 0	<a href="#">get it</a>				
<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 S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 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, comments):</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 access.

# 3GPP specification status

Page 150

04 December 2003 12:00:25

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

---

<b>TS 26.102</b>	<b>Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-18 03/01/2003 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	SP-19 04/04/2003 5 . 2 . 0	<a href="#">get it</a>				

---

<b>TS 26.103</b>	<b>Speech codec list for GSM and UMTS</b>					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLWIG, Karl	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 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>				
	SP-18 03/01/2003 5 . 4 . 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>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-19 04/04/2003 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	SP-20 25/06/2003 5 . 2 . 0	<a href="#">get it</a>				

---

<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, comments):</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 access.





# 3GPP specification status

Page 152

04 December 2003 12:00:26

ACTIVE specs 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 26.140 Multimedia Messaging Service (MMS); Media formats and codes

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S4 / T2 *rapporteur:* CASTAGNO, Roberto NOKIA Corporation  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

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>	
SP-18	03/01/2003	5	.	2	.	0		<a href="#">get it</a>	

---

## TS 26.171 AMR speech codec, wideband; General description

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

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>

---

## TS 26.173 ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec

Rel-5 *current version:* 5.8.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

SP-11	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>	
SP-18	03/01/2003	5	.	5	.	0		<a href="#">get it</a>	
SP-19	04/04/2003	5	.	6	.	0		<a href="#">get it</a>	
SP-20	25/06/2003	5	.	7	.	0		<a href="#">get it</a>	
SP-20	27/06/2003	5	.	7	.	1	Includes C-code!	<a href="#">get it</a>	
SP-21	01/10/2003	5	.	8	.	0		<a href="#">get it</a>	

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

# 3GPP specification status

Page 153

04 December 2003 12:00:26

ACTIVE specs 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 26.174 AMR speech codec, wideband; Test sequences**

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

SP-11	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 sequences	12/11/2001	5 . 1 . 1	<a href="#">get it</a>	
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>	
SP-18	03/01/2003	5 . 4 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* VACANT, USAI, Paolino  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

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>

---

**TS 26.191 AMR speech codec, wideband; Error concealment of lost frames**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

SP-11	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>

---

**TS 26.192 Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* VACANT, USAI, Paolino  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

SP-11	10/04/2001	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 access.

# 3GPP specification status

Page 154

04 December 2003 12:00:27

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

---

<b>TS 26.193</b>	<b>AMR speech codec, wideband; Source Controlled Rate operation</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, comments):</i>					
	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 26.194</b>	<b>Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 26.201</b>	<b>AMR speech codec, wideband; 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-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 26.202</b>	<b>AMR speech codec, wideband; Interface to Iu and Uu</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 1 . 0 . 0					<i>remarks - general:</i>
	SP-11 02/08/2001 2 . 0 . 0	<a href="#">get it</a>				<i>remarks - this release:</i>
	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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 155

04 December 2003 12:00:27

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

---

<b>TS 26.204</b>	<b>ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec</b>				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version, comments):</i>					
	SP-14 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>		
	SP-19 04/04/2003	5 . 1 . 0	<a href="#">get it</a>		
	SP-21 01/10/2003	5 . 2 . 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	Omnitor AB	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version, comments):</i>					
	SP-11 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	Omnitor AB	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version, comments):</i>					
	SP-11 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	Omnitor AB	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version, comments):</i>					
	SP-10 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>		

---

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

# 3GPP specification status

Page 156

04 December 2003 12:00:28

ACTIVE specs 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 26.233 End-to-end transparent streaming service; General description

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 26.234 Transparent end-to-end streaming service; Protocols and codecs

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
SP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
SP-17 24/09/2002 5 . 2 . 0 [get it](#)  
SP-18 03/01/2003 5 . 3 . 0 [get it](#)  
SP-19 04/04/2003 5 . 4 . 0 [get it](#)  
SP-20 25/06/2003 5 . 5 . 0 [get it](#)  
SP-21 01/10/2003 5 . 6 . 0 [get it](#)

---

## TS 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-12 27/06/2001 5 . 0 . 0 based on v4.1.0 [get it](#) *remarks - general:*  
SP-15 28/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* SP-12: transferred to Rel-5.

---

## TS 26.236 Packet switched conversational multimedia applications; Transport protocols

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-14 02/01/2002 1 . 0 . 0 SP-010694 [get it](#) *remarks - general:*  
SP-15 19/03/2002 2 . 0 . 0 SP-020074 [get it](#) *remarks - this release:* .  
SP-15 28/03/2002 5 . 0 . 0 [get it](#)  
SP-18 03/01/2003 5 . 1 . 0 [get it](#)  
SP-19 04/04/2003 5 . 2 . 0 [get it](#)  
SP-20 25/06/2003 5 . 3 . 0 [get it](#)  
SP-21 01/10/2003 5 . 4 . 0 [get it](#)

---

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

# 3GPP specification status

Page 157

04 December 2003 12:00:28

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

---

<b>TR 26.911</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-19 04/04/2003 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TR 26.937</b>	<b>Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VARSA, Viktor	Nokia Telecommunications Inc.		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	S4-19 16/01/2002 0 . 1 . 0 S4-010679	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-18 03/01/2003 1 . 2 . 0 SP-020683	<a href="#">get it</a>	<i>remarks - this release:</i>	2003-01-14: WG Secretary reports that this TS should be approved at SP-19. SP-19: still under revision, anticipated for approval at SP-20.		
	draft 04/04/2003 1 . 4 . 0	<a href="#">get it</a>				
	S4-26 17/06/2003 1 . 5 . 0 S4-030369	<a href="#">get it</a>				
	SP-21 29/09/2003 2 . 0 . 0 SP-030443	<a href="#">get it</a>				
	SP-21 08/10/2003 5 . 0 . 0	<a href="#">get it</a>				
<hr/>						
<b>TR 26.975</b>	<b>Performance characterization of the 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> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Replaces 26.075. 2001-10-02: Also for GSM.		
			<i>remarks - this release:</i>			
<hr/>						
<b>TR 26.976</b>	<b>Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VAINIO, Janne	NOKIA Corporation		
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 0 . 0 . 1		<i>remarks - general:</i>	Cf 26.975.		
	SP-12 27/06/2001 0 . 3 . 0 SP-010302	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-14 02/01/2002 0 . 6 . 0 SP-010692	<a href="#">get it</a>				
	SP-17 24/09/2002 1 . 0 . 0 SP-020432	<a href="#">get it</a>				
	SP-18 16/01/2003 2 . 0 . 0 SP-020682	<a href="#">get it</a>				
	SP-18 03/01/2003 5 . 0 . 0	<a href="#">get it</a>				
	SP-21 01/10/2003 5 . 1 . 0	<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 158

04 December 2003 12:00:29

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_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 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**

Rel-5 *current version:* 5.7.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

NP-14	11/01/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-15	20/03/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release: .</i>
NP-16	24/06/2002	5 . 2 . 0	<a href="#">get it</a>	
NP-17	17/09/2002	5 . 3 . 0	<a href="#">get it</a>	
NP-18	09/01/2003	5 . 4 . 0	<a href="#">get it</a>	
NP-19	27/03/2003	5 . 5 . 0	<a href="#">get it</a>	
NP-20	25/06/2003	5 . 6 . 0	<a href="#">get it</a>	
NP-21	01/10/2003	5 . 7 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

NP-14	11/01/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release: .</i>
-------	------------	-----------	------------------------	---

---

**TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

NP-14	11/01/2002	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 access.

# 3GPP specification status

Page 159

04 December 2003 12:00:29

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

---

<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	Research In Motion Limited	
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</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> 5.4.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> CHRISTENSEN, Soren	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	TP-14 15/01/2002 5 . 0 . 0				<a href="#">get it</a> <i>remarks - general:</i>
	TP-15 04/04/2002 5 . 1 . 0				<a href="#">get it</a> <i>remarks - this release:</i> .
	TP-18 20/12/2002 5 . 2 . 0				<a href="#">get it</a>
	TP-19 31/03/2003 5 . 3 . 0				<a href="#">get it</a>
	TP-21 03/10/2003 5 . 4 . 0				<a href="#">get it</a>
<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, comments):</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> 5.5.0	<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, comments):</i>				
	NP-14 11/01/2002 5 . 0 . 0				<a href="#">get it</a> <i>remarks - general:</i> GPRS
	NP-16 24/06/2002 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>
	NP-18 09/01/2003 5 . 3 . 0				<a href="#">get it</a>
	NP-20 23/06/2003 5 . 4 . 0				<a href="#">get it</a>
	NP-21 01/10/2003 5 . 5 . 0				<a href="#">get it</a>

---

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



# 3GPP specification status

Page 160

04 December 2003 12:00:30

ACTIVE specs 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 27.103 Wide Area Network Synchronization

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* TP-15  
*history (event, available, version, comments):*  
TP-16 26/06/2002 5 . 0 . 0

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

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

---

## TR 27.901 Report on Terminal Interfaces - An Overview

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* TP-15  
*history (event, available, version, comments):*  
TP-16 26/06/2002 5 . 0 . 0

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

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

---

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

---

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

Rel-5 *current version:* 5.4.0  
*freeze\_meeting:* SP-15  
*history (event, available, version, comments):*  
SP-15 28/03/2002 5 . 0 . 0  
SP-16 28/06/2002 5 . 1 . 0  
SP-17 24/09/2002 5 . 2 . 0  
SP-18 03/01/2003 5 . 3 . 0  
SP-21 03/10/2003 5 . 4 . 0

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

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

---

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

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

# 3GPP specification status

Page 161

04 December 2003 12:00:30

ACTIVE specs 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	<i>current version:</i> 5.7.0				<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> NP-15				<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo	
<i>history (event, available, version, comments):</i>							
	NP-14	18/01/2002	5	. 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>
	NP-15	04/04/2002	5	. 1 . 0		<a href="#">get it</a>	<i>remarks - this release: .</i>
	NP-16	21/06/2002	5	. 2 . 0		<a href="#">get it</a>	
	NP-17	24/09/2002	5	. 3 . 0		<a href="#">get it</a>	
	NP-18	09/01/2003	5	. 4 . 0		<a href="#">get it</a>	
	NP-19	04/04/2003	5	. 5 . 0		<a href="#">get it</a>	
	NP-20	04/07/2003	5	. 6 . 0	delayed availability due to complexity of changes	<a href="#">get it</a>	
	Correct dangling connector in SDL	07/07/2003	5	. 6 . 1		<a href="#">get it</a>	
	Mention of some CRs had been omitted from change history table	15/07/2003	5	. 6 . 2		<a href="#">get it</a>	
	NP-21	09/10/2003	5	. 7 . 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 Network

Rel-5	<i>current version:</i> 5.7.0				<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG
	<i>freeze_meeting:</i> NP-15				<i>G: yes U: yes</i>	<i>MCC:</i> BOSWARTHICK, David	
<i>history (event, available, version, comments):</i>							
	NP-14	11/01/2002	5	. 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>
	NP-15	20/03/2002	5	. 1 . 0		<a href="#">get it</a>	<i>remarks - this release: .</i>
	NP-16	28/06/2002	5	. 2 . 0		<a href="#">get it</a>	
	NP-17	17/09/2002	5	. 3 . 0		<a href="#">get it</a>	
	NP-18	09/01/2003	5	. 4 . 0		<a href="#">get it</a>	
	NP-19	27/03/2003	5	. 5 . 0		<a href="#">get it</a>	
	NP-20	23/06/2003	5	. 6 . 0		<a href="#">get it</a>	
	NP-21	01/10/2003	5	. 7 . 0		<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 162

04 December 2003 12:00:30

ACTIVE specs Rel-5 29 .- series  
Server location: [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-5	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	5.4.0	WG (prime / other):	N4	/ -	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
	TeliaSonera AB								
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	NP-16	21/06/2002	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4 (transfer??)
	NP-17	18/09/2002	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> .
	NP-18	07/01/2003	5	.	2	.	0	<a href="#">get it</a>	
	NP-20	27/06/2003	5	.	3	.	0	<a href="#">get it</a>	
	Implemented CR	04/07/2003	5	.	3	.	1	<a href="#">get it</a>	
	29.010-090								
	removed								
	NP-21	09/10/2003	5	.	4	.	0	<a href="#">get it</a>	

---

<b>TS 29.011</b>	<b>Signalling Interworking for Supplementary Services</b>								
Rel-5	<i>current version:</i> 5.0.0		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	NP-16	25/06/2002	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i> .
									<i>remarks - this release:</i> .

---

<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		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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> .

---

<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		WG (prime / other):	N1	/ -	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>								
	NP-16	26/06/2002	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 access.

# 3GPP specification status

Page 163

04 December 2003 12:00:31

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

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>	
NP-18	18/12/2002	5 . 3 . 0	<a href="#">get it</a>	
NP-20	03/07/2003	5 . 4 . 0	<a href="#">get it</a>	
NP-21	10/10/2003	5 . 5 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-14	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>	
NP-18	07/01/2003	5 . 4 . 0	<a href="#">get it</a>	
NP-19	04/04/2003	5 . 5 . 0	<a href="#">get it</a>	
NP-20	27/06/2003	5 . 6 . 0	<a href="#">get it</a>	
NP-21	09/10/2003	5 . 7 . 0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 164

04 December 2003 12:00:31

ACTIVE specs Rel-5 29 .- series  
Server location: [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> 5.7.0	<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, comments):</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 Public
	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 frozen
	Land Mobile Network (PLMN) supporting GPRS and Packet".				
					frozen; withdraw SDO publications?
	NP-16 02/07/2002	5 . 2 . 0	<a href="#">get it</a>		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>		
	NP-18 09/01/2003	5 . 4 . 0	<a href="#">get it</a>		
	NP-19 27/03/2003	5 . 5 . 0	<a href="#">get it</a>		
	NP-20 23/06/2003	5 . 6 . 0	<a href="#">get it</a>		
	NP-21 01/10/2003	5 . 7 . 0	<a href="#">get it</a>		
<hr/>					
<b>TS 29.078</b>	<b>customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification</b>				
Rel-5	<i>current version:</i> 5.5.0	<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, comments):</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
	NP-18 18/12/2002	5 . 2 . 0	<a href="#">get it</a>		
	NP-19 25/03/2003	5 . 3 . 0	<a href="#">get it</a>		
	NP-20 25/06/2003	5 . 4 . 0	<a href="#">get it</a>		
	NP-21 29/09/2003	5 . 5 . 0	<a href="#">get it</a>		
<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> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</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>	.
	RP-18 03/01/2003	5 . 2 . 0	<a href="#">get it</a>		
	RP-19 26/03/2003	5 . 3 . 0	<a href="#">get it</a>		

---

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

# 3GPP specification status

Page 165

04 December 2003 12:00:31

ACTIVE specs 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 29.119 GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* AIKAWA, Shinichiro Fujitsu Limited  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-16 25/06/2002 5 . 0 . 0

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

---

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-16 25/06/2002 5 . 0 . 0

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

---

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
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:* .  
N5-22 04/04/2003 5 . 1 . 1 (Introduction, Reference Titles) [get it](#)  
NP-20 18/06/2003 5 . 2 . 0 [get it](#)  
NP-21 30/09/2003 5 . 3 . 0 [get it](#)

---

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
NP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
add missing 09/10/2002 5 . 1 . 1 [get it](#)  
attachments post  
NP-17  
NP-19 04/04/2003 5 . 2 . 0 [get it](#)  
NP-20 18/06/2003 5 . 3 . 0 [get it](#)  
NP-21 30/09/2003 5 . 4 . 0 [get it](#)

---

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

# 3GPP specification status

Page 166

04 December 2003 12:00:32

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-16	05/07/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
NP-19	04/04/2003	5 . 2 . 0	<a href="#">get it</a>	
NP-20	18/06/2003	5 . 3 . 0	<a href="#">get it</a>	
NP-21	30/09/2003	5 . 4 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-16	19/07/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
NP-19	04/04/2003	5 . 2 . 0	<a href="#">get it</a>	
NP-20	18/06/2003	5 . 3 . 0	<a href="#">get it</a>	
NP-21	30/09/2003	5 . 4 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-16	19/07/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
NP-19	04/04/2003	5 . 2 . 0	<a href="#">get it</a>	
NP-20	18/06/2003	5 . 3 . 0	<a href="#">get it</a>	
NP-21	30/09/2003	5 . 4 . 0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 167

04 December 2003 12:00:32

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-16	19/07/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release: .</i>
NP-19	04/04/2003	5 . 2 . 0	<a href="#">get it</a>	
NP-20	18/06/2003	5 . 3 . 0	<a href="#">get it</a>	
NP-21	30/09/2003	5 . 4 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-16	19/07/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release: .</i>
NP-19	04/04/2003	5 . 2 . 0	<a href="#">get it</a>	
NP-20	18/06/2003	5 . 3 . 0	<a href="#">get it</a>	
NP-21	30/09/2003	5 . 4 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-16	26/06/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release: .</i>
NP-19	04/04/2003	5 . 2 . 0	<a href="#">get it</a>	
NP-20	18/06/2003	5 . 3 . 0	<a href="#">get it</a>	
NP-21	30/09/2003	5 . 4 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-16	26/06/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release: .</i>
NP-19	04/04/2003	5 . 2 . 0	<a href="#">get it</a>	
NP-21	30/09/2003	5 . 3 . 0	<a href="#">get it</a>	

---

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



# 3GPP specification status

Page 168

04 December 2003 12:00:32

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-15	27/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-16	26/06/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
NP-17	01/10/2002	5 . 2 . 0	<a href="#">get it</a>	
NP-19	04/04/2003	5 . 3 . 0	<a href="#">get it</a>	
NP-21	30/09/2003	5 . 4 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-16	26/06/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
NP-19	04/04/2003	5 . 2 . 0	<a href="#">get it</a>	
NP-20	18/06/2003	5 . 3 . 0	<a href="#">get it</a>	
NP-21	30/09/2003	5 . 4 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-16	05/07/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
NP-19	04/04/2003	5 . 2 . 0	<a href="#">get it</a>	
NP-21	30/09/2003	5 . 3 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-16	05/07/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
NP-19	04/04/2003	5 . 2 . 0	<a href="#">get it</a>	
NP-21	30/09/2003	5 . 3 . 0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 169

04 December 2003 12:00:33

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

draft	29/01/2002	0	0	1	N5-020036	<a href="#">get it</a>	<i>remarks - general:</i>
draft	22/04/2002	1	0	0		<a href="#">get it</a>	<i>remarks - this release:</i> .
NP-16	31/05/2002	2	0	0	NP-020195	<a href="#">get it</a>	
NP-16	17/06/2002	5	0	0		<a href="#">get it</a>	
NP-17	01/10/2002	5	1	0		<a href="#">get it</a>	
NP-21	30/09/2003	5	2	0		<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

draft	22/04/2002	1	0	0		<a href="#">get it</a>	<i>remarks - general:</i>
NP-16	31/05/2002	2	0	0	NP-020196	<a href="#">get it</a>	<i>remarks - this release:</i> .
NP-16	17/06/2002	5	0	0		<a href="#">get it</a>	
NP-17	01/10/2002	5	1	0		<a href="#">get it</a>	
NP-20	18/06/2003	5	2	0		<a href="#">get it</a>	
NP-21	30/09/2003	5	3	0		<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-16	25/06/2002	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> .
NP-18	07/01/2003	5	2	0		<a href="#">get it</a>	

---

## TS 29.205 Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3

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

*history (event, available, version, comments):*

NP-16	25/06/2002	5	0	0		<a href="#">get it</a>	<i>remarks - general:</i>
NP-20	27/06/2003	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 access.

# 3GPP specification status

Page 170

04 December 2003 12:00:33

ACTIVE specs 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 29.207 Policy control over Go interface

Rel-5 *current version:* 5.5.1 *WG (prime / other):* N3 / - *rapporteur:* YOKOTA, Daisuke Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

draft	08/11/2001	0 . 2 . 0		<a href="#">get it</a>	<i>remarks - general:</i> NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".
draft	14/01/2002	0 . 5 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .
draft	18/02/2002	0 . 6 . 0		<a href="#">get it</a>	
NP-15	19/03/2002	1 . 0 . 0	NP-020078	<a href="#">get it</a>	
draft	18/04/2002	1 . 1 . 0		<a href="#">get it</a>	
NP-16	26/06/2002	2 . 0 . 0	NP-020167 (RFC ref needs cleaning up)	<a href="#">get it</a>	
NP-16	28/06/2002	5 . 0 . 0		<a href="#">get it</a>	
NP-17	19/09/2002	5 . 1 . 0		<a href="#">get it</a>	
NP-18	14/01/2003	5 . 2 . 0		<a href="#">get it</a>	
NP-19	27/03/2003	5 . 3 . 0		<a href="#">get it</a>	
NP-20	25/06/2003	5 . 4 . 0		<a href="#">get it</a>	
NP-21	08/10/2003	5 . 5 . 0		<a href="#">get it</a>	
edito post NP-21	09/10/2003	5 . 5 . 1		<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.5.1 *WG (prime / other):* N3 / - *rapporteur:* YOKOTA, Daisuke Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

draft	08/11/2001	0 . 1 . 0		<a href="#">get it</a>	<i>remarks - general:</i>
draft	14/01/2002	0 . 2 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .
draft	18/02/2002	0 . 3 . 1		<a href="#">get it</a>	
NP-15	19/03/2002	1 . 0 . 0	NP-020079	<a href="#">get it</a>	
draft	18/04/2002	1 . 1 . 0		<a href="#">get it</a>	
NP-16	26/06/2002	2 . 0 . 0	NP-020166	<a href="#">get it</a>	
NP-16	28/06/2002	5 . 0 . 0		<a href="#">get it</a>	
NP-17	18/09/2002	5 . 1 . 0		<a href="#">get it</a>	
NP-18	09/01/2003	5 . 2 . 0		<a href="#">get it</a>	
NP-19	27/03/2003	5 . 3 . 0		<a href="#">get it</a>	
ediotiral post NP-19	09/04/2003	5 . 3 . 1		<a href="#">get it</a>	
NP-20	23/06/2003	5 . 4 . 0		<a href="#">get it</a>	
NP-21	08/10/2003	5 . 5 . 0		<a href="#">get it</a>	
edito post NP-21	09/10/2003	5 . 5 . 1		<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 171

04 December 2003 12:00:34

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N4 / *rapporteur:* PALLARES LÓPEZ, Miguel Angel Telefon AB LM Ericsson  
*freeze\_meeting:* NP-16

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

*history (event, available, version, comments):*

NP-12	04/07/2001	0 . 1 . 0	NP-010303	<a href="#">get it</a>	<i>remarks - general:</i> Additional rapporteur: Miguel-Angel Pallares-Lopez
N4-08		0 . 2 . 0	N4-010697		<i>remarks - this release:</i> .
N4-09		0 . 3 . 0	N4-010837		
N4-11		0 . 4 . 0	N4-011295		
draft		0 . 5 . 0	N4-01407		
NP-14	02/01/2002	1 . 0 . 0	NP-010627	<a href="#">get it</a>	
draft	28/03/2002	1 . 1 . 0		<a href="#">get it</a>	
NP-16	25/06/2002	2 . 0 . 0	NP-020264	<a href="#">get it</a>	
NP-16	25/06/2002	5 . 0 . 0		<a href="#">get it</a>	
NP-17	17/09/2002	5 . 1 . 0		<a href="#">get it</a>	
NP-18	07/01/2003	5 . 2 . 0		<a href="#">get it</a>	
NP-19	07/04/2003	5 . 3 . 0		<a href="#">get it</a>	
NP-20	27/06/2003	5 . 4 . 0		<a href="#">get it</a>	
NP-21	09/10/2003	5 . 5 . 0		<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N4 / - *rapporteur:* PALLARES LÓPEZ, Miguel Angel Telefon AB LM Ericsson  
*freeze\_meeting:* NP-16

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

*history (event, available, version, comments):*

N4-09		0 . 1 . 0	N4-010932		<i>remarks - general:</i> 2nd rapporteur: CZOMA, Balazs.
N4-10		0 . 2 . 0	N4-011064		<i>remarks - this release:</i> .
N4-11		0 . 3 . 0	N4-011296		
N4-11		0 . 4 . 0	N4-011408		
NP-14	02/01/2002	1 . 0 . 0	NP-010628	<a href="#">get it</a>	
draft	28/03/2002	1 . 1 . 0		<a href="#">get it</a>	
NP-16	26/06/2002	2 . 0 . 0	NP-020265	<a href="#">get it</a>	
NP-16	25/06/2002	5 . 0 . 0		<a href="#">get it</a>	
NP-17	18/09/2002	5 . 1 . 0		<a href="#">get it</a>	
NP-18	07/01/2003	5 . 2 . 0		<a href="#">get it</a>	
NP-19	07/04/2003	5 . 3 . 0		<a href="#">get it</a>	
NP-20	27/06/2003	5 . 4 . 0		<a href="#">get it</a>	
NP-21	10/10/2003	5 . 5 . 0		<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 172

04 December 2003 12:00:34

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* NP-15 Chalmers

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

*history (event, available, version, comments):*

NP-14	11/01/2002	5	.	0	.	0
NP-14 editorial	18/01/2002	5	.	0	.	1
NP-15	28/03/2002	5	.	1	.	0
NP-16	21/06/2002	5	.	2	.	0
NP-17	18/09/2002	5	.	3	.	0
NP-18	07/01/2003	5	.	4	.	0
NP-19	04/04/2003	5	.	5	.	0
NP-20	27/06/2003	5	.	6	.	0

[get it](#) *remarks - general:* Additional rapporteur: Laura.Pomponi@CSELT.IT

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 29.278 customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N2 / - *rapporteur:* REMOQUILLO, Angelica Lucent Technologies  
*freeze\_meeting:* NP-18 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*history (event, available, version, comments):*

N2-25		0	.	1	.	0
NP-17	24/09/2002	2	.	0	.	0
NP-17	17/09/2002	5	.	0	.	0
NP-18	10/01/2003	5	.	1	.	0
NP-19	25/03/2003	5	.	2	.	0

*remarks - general:* NP-16 Existence hinted at in N2 report. Draft believed to have been seen at N2.

*remarks - this release:* TP-16: this spec unlikely to be freezable by NP-17. CAMEL phase 4.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

# 3GPP specification status

Page 173

04 December 2003 12:00:35

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-16	26/06/2002	2	0	0	NP-020277	<a href="#">get it</a>	<i>remarks - general:</i> NP-21: Title changed to include Dh interface as well as Sh.
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>	
NP-18	07/01/2003	5	2	0		<a href="#">get it</a>	
edito to replace lost annex E post	08/01/2003	5	2	1		<a href="#">get it</a>	
NP-18							
NP-19	07/04/2003	5	3	0		<a href="#">get it</a>	
attached XSD file	25/04/2003	5	3	1		<a href="#">get it</a>	
attached correct XSD file	29/04/2003	5	3	2	Says WG Secretary: nobody's perfect - except Bo Derek	<a href="#">get it</a>	
NP-20	27/06/2003	5	4	0		<a href="#">get it</a>	
NP-21	09/10/2003	5	5	0		<a href="#">get it</a>	

---

## TS 29.329 Sh interface based on the Diameter protocol

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

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>	
NP-18	07/01/2003	5	2	0		<a href="#">get it</a>	
NP-19	07/04/2003	5	3	0		<a href="#">get it</a>	
NP-20	27/06/2003	5	4	0		<a href="#">get it</a>	

---

## TS 29.414 Core network Nb data transport and transport signalling

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

NP-15	20/03/2002	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 access.

# 3GPP specification status

Page 174

04 December 2003 12:00:35

ACTIVE specs 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 29.415 Core network Nb interface user plane protocols

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
NP-15 20/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
NP-19 27/03/2003 5 . 1 . 0 [get it](#) *remarks - this release:*

---

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / *rapporteur:* YOUNG, Michael MOTOROLA Ltd  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
0 . 0 . 1 2001-03 *remarks - general:* Supersedes 29.203.  
NP-12 04/07/2001 0 . 1 . 0 NP-010361 [get it](#) *remarks - this release:* NP-11:creation Supersedes 29.203  
N4-08 0 . 1 . 1  
N4-09 0 . 2 . 0  
N4-10 0 . 3 . 0  
N4-10 0 . 3 . 1  
NP-14 02/01/2002 2 . 0 . 0 NP-010633 [get it](#)  
NP-14 10/01/2002 5 . 0 . 0 [get it](#)

---

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

Rel-5 *current version:* 5.0.1 *WG (prime / other):* N1 / RP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
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  
edito post NP-18 16/12/2002 5 . 0 . 1 minor editorials to change style from TS [get it](#) *remarks - this release:* . latest Release version.  
to TR.

---

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
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 access.

# 3GPP specification status

Page 175

04 December 2003 12:00:35

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

---

<b>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</b>
Rel-5 <i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N5 / <i>rapporteur:</i> ABARCA, Chelo ALCATEL S.A. <i>freeze_meeting:</i> NP-15 <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i> NP-16 20/06/2002 5 . 0 . 0 <a href="#">get it</a> <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>
<b>TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control ISC</b>
Rel-5 <i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N5 / - <i>rapporteur:</i> ABARCA, Chelo ALCATEL S.A. <i>freeze_meeting:</i> NP-16 <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i> draft 19/02/2002 0 . 2 . 1 N5-020084 <a href="#">get it</a> <i>remarks - general:</i> Evidence for existance unearthed in N5-020143. draft 22/04/2002 1 . 0 . 0 <a href="#">get it</a> <i>remarks - this release:</i> .Was originally Rel-6, but moved to Rel 5 NP-15. NP-16 31/05/2002 2 . 0 . 0 NP-020198 (RFC nos. to be corrected.) <a href="#">get it</a> NP-16 20/06/2002 5 . 0 . 0 <a href="#">get it</a>
<hr/>
<b>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</b>
Rel-5 <i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N5 / <i>rapporteur:</i> ABARCA, Chelo ALCATEL S.A. <i>freeze_meeting:</i> NP-15 <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i> NP-16 20/06/2002 5 . 0 . 0 <a href="#">get it</a> <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>
<b>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</b>
Rel-5 <i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N5 / <i>rapporteur:</i> ABARCA, Chelo ALCATEL S.A. <i>freeze_meeting:</i> NP-15 <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i> NP-16 20/06/2002 5 . 0 . 0 <a href="#">get it</a> <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>
<b>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</b>
Rel-5 <i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N5 / <i>rapporteur:</i> ABARCA, Chelo ALCATEL S.A. <i>freeze_meeting:</i> NP-15 <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i> NP-16 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 access.



# 3GPP specification status

Page 176

04 December 2003 12:00:36

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

---

**TR 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
NP-16 20/06/2002 5 . 0 . 0

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

---

Rel-5 **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

---

**TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP)**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-19 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*  
NP-19 07/04/2003 5 . 0 . 1 Technically identical to 30.002 v5.0.0. [get it](#) *remarks - general:* NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG 3.0x  
*remarks - this release:* . series.

---

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

---

**TS 31.048 Test specification for security mechanisms for the (U)SIM application toolkit**

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie Indicate persons who left Company and wait for new One  
*freeze\_meeting:* TP-21 *G:* yes *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version, comments):*  
*remarks - general:* Test spec for 23.048.  
*remarks - this release:*

---

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

# 3GPP specification status

Page 177

04 December 2003 12:00:36

ACTIVE specs 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 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd  
*freeze\_meeting:* TP-17 *G:* *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

TP-17 18/09/2002 5 . 0 . 0  
TP-18 02/01/2003 5 . 1 . 0

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.  
[get it](#) *remarks - this release:* TP-17: upgraded to Rel-5 to fill gap between Releases 4 and 6.

---

## TS 31.102 Characteristics of the USIM application

Rel-5 *current version:* 5.6.0 *WG (prime / other):* T3 / - *rapporteur:* HEIM, Christian GIESECKE & DEVRIENT GmbH  
*freeze\_meeting:* TP-15 *G:* *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

TP-15 28/03/2002 5 . 0 . 0  
TP-16 28/06/2002 5 . 1 . 0  
TP-17 25/09/2002 5 . 2 . 0  
TP-18 02/01/2003 5 . 3 . 0  
TP-19 01/04/2003 5 . 4 . 0  
TP-20 23/06/2003 5 . 5 . 0  
TP-21 30/09/2003 5 . 6 . 0

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

---

## TS 31.103 Characteristics of the IP Multimedia Services Identity Module (ISIM) application

Rel-5 *current version:* 5.4.0 *WG (prime / other):* T3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* TP-16 *G:* yes *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

TP-16 26/06/2002 1 . 0 . 0 TP-020124  
TP-16 28/06/2002 5 . 0 . 0  
TP-17 25/09/2002 5 . 1 . 0  
TP-18 02/01/2003 5 . 2 . 0  
TP-19 26/03/2003 5 . 3 . 0  
TP-20 23/06/2003 5 . 4 . 0

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

---

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

# 3GPP specification status

Page 178

04 December 2003 12:00:36

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

---

<b>TS 31.111</b>	<b>Universal Subscriber Identity Module Application Toolkit (USAT)</b>								
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> TP-15								
		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version, comments):</i>								
	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>						
	TP-18 02/01/2003	5 . 3 . 0	<a href="#">get it</a>						
	TP-19 04/04/2003	5 . 4 . 0	<a href="#">get it</a>						
	TP-21 29/09/2003	5 . 5 . 0	<a href="#">get it</a>						

---

<b>TS 31.112</b>	<b>Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2</b>								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> TP-15								
		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version, comments):</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>						

---

<b>TS 31.113</b>	<b>Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes</b>								
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> TP-15								
		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version, comments):</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-19 26/03/2003	5 . 5 . 0	<a href="#">get it</a>						

---

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

# 3GPP specification status

Page 179

04 December 2003 12:00:37

ACTIVE specs 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 31.114 Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration

Rel-5 *current version:* 5.3.0 *WG (prime / other):* T3 / *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH  
*freeze\_meeting:* TP-15 *G:* *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

TP-14	02/01/2002	1	.	0	.	0	TP-010248	<a href="#">get it</a>	<i>remarks - general:</i>
TP-15	19/03/2002	1	.	5	.	1	TP-020030	<a href="#">get it</a>	<i>remarks - this release:</i>
TP-15	19/03/2002	2	.	0	.	0	TP-020077	<a href="#">get it</a>	
TP-15	28/03/2002	5	.	0	.	0		<a href="#">get it</a>	
TP-16	19/06/2002	5	.	1	.	0		<a href="#">get it</a>	
TP-17	25/09/2002	5	.	2	.	0		<a href="#">get it</a>	
TP-19	26/03/2003	5	.	3	.	0		<a href="#">get it</a>	

---

## TS 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc  
*freeze\_meeting:* *G:* *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

*remarks - general:* based on R99 core spec; split into 2 parts (this is 2)  
*remarks - this release:* 2003-07-15 (Dietze): It is the intention that a Rel-5 be created - eventually.

---

## TR 31.900 SIM/USIM internal and external interworking aspects

Rel-5 *current version:* 5.3.0 *WG (prime / other):* T3 / *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

TP-15	28/03/2002	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
TP-16	19/06/2002	5	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> .
TP-19	26/03/2003	5	.	2	.	0		<a href="#">get it</a>	
TP-21	29/09/2003	5	.	3	.	0		<a href="#">get it</a>	

---

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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 180

04 December 2003 12:00:37

ACTIVE specs 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:* 5.5.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-15	26/03/2002	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> .
SP-18	06/01/2003	5 . 2 . 0	<a href="#">get it</a>	
SP-19	31/03/2003	5 . 3 . 0	<a href="#">get it</a>	
SP-20	18/06/2003	5 . 4 . 0	<a href="#">get it</a>	
SP-21	02/10/2003	5 . 5 . 0	<a href="#">get it</a>	

---

## TS 32.102 Telecommunication management; Architecture

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-15	26/03/2002	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> .
SP-18	06/01/2003	5 . 2 . 0	<a href="#">get it</a>	
SP-19	31/03/2003	5 . 3 . 0	<a href="#">get it</a>	
SP-21	03/10/2003	5 . 4 . 0	<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.1.1 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

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> .
edito (layout and references)	07/01/2003	5 . 1 . 1	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 181

04 December 2003 12:00:37

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.111-2</b>	<b>Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service</b>					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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> .		
	SP-18 09/01/2003	5 . 2 . 0	<a href="#">get it</a>			
	SP-19 31/03/2003	5 . 3 . 0	<a href="#">get it</a>			
	SP-20 27/06/2003	5 . 4 . 0	<a href="#">get it</a>			

---

<b>TS 32.111-3</b>	<b>Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set</b>					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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> .		
	SP-18 09/01/2003	5 . 2 . 0	<a href="#">get it</a>			
	SP-19 01/04/2003	5 . 3 . 0	<a href="#">get it</a>			
	SP-20 27/06/2003	5 . 4 . 0	<a href="#">get it</a>			

---

<b>TS 32.111-4</b>	<b>Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set</b>					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG		
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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>			
	SP-18 09/01/2003	5 . 3 . 0	<a href="#">get it</a>			
	SP-19 01/04/2003	5 . 4 . 0	<a href="#">get it</a>			
	SP-20 27/06/2003	5 . 5 . 0	<a href="#">get it</a>			
	SP-21 02/10/2003	5 . 6 . 0	<a href="#">get it</a>			

---

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

# 3GPP specification status

Page 182

04 December 2003 12:00:38

ACTIVE specs 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 32.200 Telecommunication management; Charging management; Charging principles**

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-15	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> .
SP-18	06/01/2003	5 . 2 . 0	<a href="#">get it</a>	
SP-19	02/04/2003	5 . 3 . 0	<a href="#">get it</a>	
SP-20	27/06/2003	5 . 4 . 0	<a href="#">get it</a>	
SP-21	02/10/2003	5 . 5 . 0	<a href="#">get it</a>	

---

**TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain**

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-15	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> .
SP-18	09/01/2003	5 . 2 . 0	<a href="#">get it</a>	
SP-19	02/04/2003	5 . 3 . 0	<a href="#">get it</a>	
SP-20	27/06/2003	5 . 4 . 0	<a href="#">get it</a>	

---

**TS 32.215 Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain**

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-15	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> .
SP-18	09/01/2003	5 . 2 . 0	<a href="#">get it</a>	
SP-19	02/04/2003	5 . 3 . 0	<a href="#">get it</a>	
SP-20	09/06/2003	5 . 4 . 0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 183

04 December 2003 12:00:38

ACTIVE specs 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 32.225 Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)**  
Rel-5 *current version:* 5.3.0 *WG (prime / other):* S5 / *rapporteur:* TEPPO, Patrik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

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>	
SP-18	06/01/2003	5	.	1	.	0		<a href="#">get it</a>	
SP-19	02/04/2003	5	.	2	.	0		<a href="#">get it</a>	
SP-20	27/06/2003	5	.	3	.	0		<a href="#">get it</a>	

---

**TS 32.235 Telecommunication management; Charging management; Charging data description for application services**  
Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-17	18/09/2002	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
SP-18	07/01/2003	5	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> .
SP-19	02/04/2003	5	.	2	.	0		<a href="#">get it</a>	
SP-20	27/06/2003	5	.	3	.	0		<a href="#">get it</a>	
SP-21	02/10/2003	5	.	4	.	0		<a href="#">get it</a>	

---

**TS 32.300 Telecommunication management; Configuration Management (CM); Name convention for Managed Objects**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-17	18/09/2002	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.106-8 (pars)
edito post SP-18	13/01/2003	5	.	0	.	1		<a href="#">get it</a>	<i>remarks - this release:</i> .

---

**TS 32.301 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-15	26/03/2002	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> was 32.301-1
edito post SP-18	13/01/2003	5	.	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 access.



# 3GPP specification status

Page 184

04 December 2003 12:00:38

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.302</b>	<b>Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service</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, comments):</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>	.	
edito post	SP-18	13/01/2003	5 . 0 . 2	<a href="#">get it</a>			
	SP-20	27/06/2003	5 . 1 . 0	<a href="#">get it</a>			
<hr/>							
<b>TS 32.303</b>	<b>Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution</b>						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version, comments):</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>			
edito post	SP-18	13/01/2003	5 . 1 . 2	<a href="#">get it</a>			
	SP-19	31/03/2003	5 . 2 . 0	<a href="#">get it</a>			
<hr/>							
<b>TS 32.304</b>	<b>Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set</b>						
Rel-5	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version, comments):</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>			
edito post	SP-18	13/01/2003	5 . 2 . 1	<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> 5.0.1	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version, comments):</i>							
	SP-15	26/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	was 32.112-1	
edito post	SP-18	13/01/2003	5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	.	

---

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

# 3GPP specification status

Page 185

04 December 2003 12:00:39

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

---

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

---

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

---

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

---

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

# 3GPP specification status

Page 186

04 December 2003 12:00:39

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.324</b>	<b>Telecommunication management; Test management Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set</b>				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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>	
	edito post SP-18	13/01/2003	5 . 0 . 1	<a href="#">get it</a>	
<hr/>					
<b>TS 32.401</b>	<b>Telecommunication management; Performance Management (PM); Concept and requirements</b>				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-15	26/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.104 (pars)
	SP-17	18/09/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
	SP-20	27/06/2003	5 . 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-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-16	20/06/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.104 (pars)
					<i>remarks - this release:</i> .
					WARNING: approved CRs 004, 005 & 006 accidentally not implemented!! (But these CRs later withdrawn.)
	SP-17	19/09/2002	5 . 1 . 0	<a href="#">get it</a>	
	SP-19	31/03/2003	5 . 2 . 0	<a href="#">get it</a>	
	SP-20	27/06/2003	5 . 3 . 0	<a href="#">get it</a>	
	SP-21	15/10/2003	5 . 4 . 0	<a href="#">get it</a>	
<hr/>					
<b>TS 32.600</b>	<b>Telecommunication management; Configuration Management (CM); Concept and high-level requirements</b>				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-17	20/09/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.106 (pars).
	edito	18/06/2003	5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .
					Title aligned with the 3GPP Database

---

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

# 3GPP specification status

Page 187

04 December 2003 12:00:39

ACTIVE specs Rel-5 32 .- series  
Server location: [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 Configuration Management (CM) Integration Reference Point (IRP): requirements</b>			
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-17	23/09/2002	5 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.601-1
	edito	18/06/2003	5 . 0 . 1	<a href="#">get it</a> <i>remarks - this release:</i> .

---

<b>TS 32.602</b>	<b>Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information service</b>			
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-17	27/09/2002	5 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.601-2
	SP-19	31/03/2003	5 . 1 . 0	<a href="#">get it</a> <i>remarks - this release:</i> .

---

<b>TS 32.603</b>	<b>Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set</b>			
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-17	27/09/2002	5 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.601-3
	SP-19	31/03/2003	5 . 1 . 0	<a href="#">get it</a> <i>remarks - this release:</i> .
	SP-20	27/06/2003	5 . 2 . 0	<a href="#">get it</a>

---

<b>TS 32.604</b>	<b>Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set</b>			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	<i>G:</i> <i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-18	08/01/2003	5 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.601-4
				<i>remarks - this release:</i> .

---

<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	<i>G:</i> <i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version, comments):</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> .

---

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

# 3GPP specification status

Page 188

04 December 2003 12:00:40

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<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> 5.1.1	<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, comments):</i>				
	SP-17 27/09/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.602-2		
	SP-18 07/01/2003 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	edito 31/03/2003 5 . 1 . 1	<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 set</b>				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-17 27/09/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.602-3		
	SP-19 31/03/2003 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
<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-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-18 07/01/2003 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.602-4		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 32.615</b>	<b>Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition</b>				
Rel-5	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-16 21/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.602-5		
	edito after SP-17 18/09/2002 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	SP-20 27/06/2003 5 . 1 . 0	<a href="#">get it</a>			
	SP-21 01/10/2003 5 . 2 . 0	<a href="#">get it</a>			
	Adds XML file with reference from document 17/10/2003 5 . 2 . 1	<a href="#">get it</a>			

---

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

# 3GPP specification status

Page 189

04 December 2003 12:00:40

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.621</b>	<b>Telecommunication management; Configuration Management (CM); Generic 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: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>		<a href="#">get it</a>	<i>remarks - general:</i> was 32.620-1
	SP-17 27/09/2002 5 . 0 . 0			<i>remarks - this release:</i> .
<hr/>				
<b>TS 32.622</b>	<b>Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)</b>			
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>		<a href="#">get it</a>	<i>remarks - general:</i> was 32.620-2
	SP-17 27/09/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .
	SP-20 27/06/2003 5 . 1 . 0			
<hr/>				
<b>TS 32.623</b>	<b>Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture</b>			
Rel-5	<i>current version:</i> (CORBA) solution set	5.1.0	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> PIRT, Trevor
	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>		<a href="#">get it</a>	<i>remarks - general:</i> was 32.620-3
	SP-17 27/09/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .
	SP-19 01/04/2003 5 . 1 . 0			
<hr/>				
<b>TS 32.624</b>	<b>Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol</b>			
Rel-5	<i>current version:</i> (CMIP) solution set	5.1.0	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> POLLAKOWSKI, Olaf
	SIEMENS AG			
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>		<a href="#">get it</a>	<i>remarks - general:</i> was 32.620-4
	SP-17 27/09/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .
	SP-21 02/10/2003 5 . 1 . 0			

---

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

# 3GPP specification status

Page 190

04 December 2003 12:00:40

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<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: format definition</i>	5.1.2	<i>WG (prime / other):</i>	S5	<i>/ rapporteur:</i>	BONNEAU, Frédéric			
	NORTEL NETWORKS (EUROPE)								
	<i>freeze_meeting: SP-15</i>		G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-16 17/06/2002 1 . 0 . 0	SP-020298 pars	<a href="#">get it</a>	<i>remarks - general:</i>					
	SP-17 06/09/2002 2 . 0 . 0	SP-020460	<a href="#">get it</a>	<i>remarks - this release:</i>	.				
	SP-17 18/09/2002 5 . 0 . 0		<a href="#">get it</a>						
	SP-20 27/06/2003 5 . 1 . 0		<a href="#">get it</a>						
	Editorials & 08/10/2003 5 . 1 . 1		<a href="#">get it</a>						
	Cosmetics								
	Adds XML file with 17/10/2003 5 . 1 . 2		<a href="#">get it</a>						
	reference from document								
<hr/>									
<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: 5.0.0</i>		<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	PIRT, Trevor MOTOROLA Ltd			
	<i>freeze_meeting: SP-16</i>		G: U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-16 28/06/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	was 32.621-1				
				<i>remarks - this release:</i>	.				
<hr/>									
<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: 5.4.0</i>		<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	PAL, Tapinder T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting: SP-17</i>		G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-17 23/09/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	was 32.621-2				
	SP-18 07/01/2003 5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.				
	SP-19 01/04/2003 5 . 2 . 0		<a href="#">get it</a>						
	SP-20 27/06/2003 5 . 3 . 0		<a href="#">get it</a>						
	SP-21 15/10/2003 5 . 4 . 0		<a href="#">get it</a>						
<hr/>									
<b>TS 32.633</b>	<b>Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture</b>								
Rel-5	<i>current version: (CORBA) solution set</i>	5.1.0	<i>WG (prime / other):</i>	S5	<i>/- rapporteur:</i>	PAL, Tapinder T-			
	MOBILE DEUTSCHLAND								
	<i>freeze_meeting: SP-17</i>		G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-17 27/09/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	was 32.621-3				
	SP-18 07/01/2003 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 access.

# 3GPP specification status

Page 191

04 December 2003 12:00:41

ACTIVE specs Rel-5 32 .- series  
Server location: [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): Common Management Information Protocol (CMIP)</b>								
Rel-5	<i>current version:</i> solution set	5.0.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
	SIEMENS AG								
	<i>freeze_meeting:</i> SP-17		G: yes	U: yes		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>								
	SP-18 08/01/2003	5 . 0 . 0				<a href="#">get it</a>	<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> format definition	5.1.1	<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, comments):</i>								
	SP-16 17/06/2002	1 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> RP-15: existence gleaned from S5 report.		
	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>			
	SP-20 27/06/2003	5 . 1 . 0				<a href="#">get it</a>			
	Adds XML file with reference from document	17/10/2003	5 . 1 . 1			<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, comments):</i>								
	SP-17 27/09/2002	5 . 0 . 0				<a href="#">get it</a>	<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> 5.2.0		<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, comments):</i>								
	SP-17 27/09/2002	5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> was 32.622-2		
	SP-18 07/01/2003	5 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i> .		
	edito post SP-18 to accept all rev marks	09/01/2003	5 . 1 . 1			<a href="#">get it</a>			
	SP-20 26/06/2003	5 . 2 . 0				<a href="#">get it</a>			

---

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



# 3GPP specification status

Page 192

04 December 2003 12:00:41

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.643</b>	<b>Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture</b>							
Rel-5	<i>current version:</i> <b>(CORBA) solution set</b>	5.1.0	<i>WG (prime / other):</i>	S5	/-	<i>rporteur:</i>	RAYMER, David	Motorola Inc.
	<i>freeze_meeting:</i> SP-17		G:	U: yes	MCC:	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>							
	SP-17 27/09/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	was 32.622-3		
	SP-20 27/06/2003	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.		
<hr/>								
<b>TS 32.644</b>	<b>Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)</b>							
Rel-5	<i>current version:</i> <b>solution set</b>	5.2.0	<i>WG (prime / other):</i>	S5	/-	<i>rporteur:</i>	POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-17		G:	U: yes	MCC:	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>							
	SP-18 08/01/2003	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	was 32.622-4		
	SP-20 26/06/2003	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.		
	SP-21 02/10/2003	5 . 2 . 0		<a href="#">get it</a>				
<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>	5.2.1	<i>WG (prime / other):</i>	S5	/	<i>rporteur:</i>	BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-16		G:	U: yes	MCC:	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>							
	SP-16 17/06/2002	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>			SP-020298 pars
	SP-17 16/09/2002	2 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.		SP-020462
	SP-17 18/09/2002	5 . 0 . 0		<a href="#">get it</a>				
	SP-20 27/06/2003	5 . 1 . 0		<a href="#">get it</a>				
	SP-21 01/10/2003	5 . 2 . 0		<a href="#">get it</a>				
	Adds XML file with reference from document	17/10/2003	5 . 2 . 1	<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>rporteur:</i>	PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-17		G: yes	U:	MCC:	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>							
	SP-17 27/09/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	was 32.623-1		
					<i>remarks - this release:</i>	.		

---

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

# 3GPP specification status

Page 193

04 December 2003 12:00:41

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<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> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-17	27/09/2002	5 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.623-2
edito post	SP-18	09/01/2003	5 . 0 . 1	<a href="#">get it</a> <i>remarks - this release:</i> .
	SP-20	26/06/2003	5 . 1 . 0	<a href="#">get it</a>
	SP-21	01/10/2003	5 . 2 . 0	<a href="#">get it</a>

---

<b>TS 32.653</b>	<b>Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture</b>					
Rel-5	<i>current version:</i> (CORBA) solution set	5.2.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> RAYMER, David	Motorola Inc.
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
	SP-17	08/10/2002	5 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.623-3		
edito post	SP-18	09/01/2003	5 . 0 . 1	<a href="#">get it</a> <i>remarks - this release:</i> .		
	SP-20	27/06/2003	5 . 1 . 0	<a href="#">get it</a>		
	SP-21	01/10/2003	5 . 2 . 0	<a href="#">get it</a>		

---

<b>TS 32.654</b>	<b>Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)</b>					
Rel-5	<i>current version:</i> solution set	5.2.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
	SP-18	08/01/2003	5 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.623-4		
	SP-20	27/06/2003	5 . 1 . 0	<a href="#">get it</a> <i>remarks - this release:</i> .		
	SP-21	02/10/2003	5 . 2 . 0	<a href="#">get it</a>		

---

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

# 3GPP specification status

Page 194

04 December 2003 12:00:42

ACTIVE specs 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 32.655 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file**  
Rel-5 *current version: format definition* 5.2.1 *WG (prime / other):* S5 */ rapporteur:* BONNEAU, Frédéric  
NORTEL NETWORKS (EUROPE) */ rapporteur:*

*freeze\_meeting:* SP-16 G: yes U: yes MCC: ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-16 17/06/2002 1 . 0 . 0 SP-020298 pars [get it](#) *remarks - general:*  
SP-17 16/09/2002 2 . 0 . 0 SP-020463 [get it](#) *remarks - this release:*  
SP-17 18/09/2002 5 . 0 . 0 [get it](#)  
SP-20 27/06/2003 5 . 1 . 0 [get it](#)  
SP-21 01/10/2003 5 . 2 . 0 [get it](#)  
Adds XML file with 17/10/2003 5 . 2 . 1 [get it](#)  
reference from  
document

---

**TS 32.661 Telecommunication management; Configuration Management (CM); Kernel CM requirements**  
Rel-5 *current version: 5.1.0* *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-17 G: U: yes MCC: ZOICAS, Adrian

*history (event, available, version, comments):*  
draft 31/01/2002 0 . 1 . 0 [get it](#) *remarks - general:*  
SP-15 19/03/2002 1 . 0 . 0 SP-020034 pars [get it](#) *remarks - this release:*  
SP-17 16/09/2002 2 . 0 . 0 SP-020464 [get it](#)  
SP-17 18/09/2002 5 . 0 . 0 [get it](#)  
SP-18 07/01/2003 5 . 1 . 0 [get it](#)

---

**TS 32.662 Telecommunication management; Configuration Management (CM); Kernel CM information service**  
Rel-5 *current version: 5.0.0* *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-18 G: U: yes MCC: ZOICAS, Adrian

*history (event, available, version, comments):*  
draft 31/01/2002 0 . 1 . 0 [get it](#) *remarks - general:*  
SP-15 19/03/2002 1 . 0 . 0 SP-020034 pars [get it](#) *remarks - this release:*  
SP-17 16/09/2002 2 . 0 . 0 SP-020465 [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 access.

# 3GPP specification status

Page 195

04 December 2003 12:00:42

ACTIVE specs 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 32.663 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
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!  
SP-19 03/04/2003 5 . 1 . 0 [get it](#)

---

**TS 32.664 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-18 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-17 16/09/2002 1 . 0 . 0 SP-020467 [get it](#) *remarks - general:*  
SP-18 07/01/2003 2 . 0 . 0 SP-020743 [get it](#) *remarks - this release:* SP-15: will not exist in Rel-5. SP-17: Yes it will!  
SP-18 07/01/2003 5 . 0 . 0 [get it](#)

---

**TS 32.671 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
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:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
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 access.

# 3GPP specification status

Page 196

04 December 2003 12:00:42

ACTIVE specs Rel-5 32 .- series  
Server location: [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): Common Object Request Broker Architecture (CORBA)</b>
Rel-5	current version: solution set
Motorola Inc.	5.1.0
	WG (prime / other): S5 / -
	rapporteur: RAYMER, David
	freeze_meeting: SP-15
	G: U: yes
	MCC: ZOICAS, Adrian
history (event, available, version, comments):	
SP-17 16/09/2002 1 . 0 . 0	SP-020470
SP-17 18/09/2002 5 . 0 . 0	<a href="#">get it</a> remarks - general:
SP-19 01/04/2003 5 . 1 . 0	<a href="#">get it</a> remarks - this release: .
	<a href="#">get it</a>

---

<b>TS 32.674</b>	<b>Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP)</b>
Rel-5	current version: 5.1.0
	WG (prime / other): S5 / -
	rapporteur: POLLAKOWSKI, Olaf SIEMENS AG
	freeze_meeting: SP-15
	G: U: yes
	MCC: ZOICAS, Adrian
history (event, available, version, comments):	
draft 17/01/2002 0 . 1 . 0	<a href="#">get it</a> remarks - general:
draft 19/07/2002 1 . 0 . 0	<a href="#">get it</a> remarks - this release: .
SP-17 16/09/2002 2 . 0 . 0	SP-020471
SP-17 18/09/2002 5 . 0 . 0	<a href="#">get it</a>
SP-21 02/10/2003 5 . 1 . 0	<a href="#">get it</a>

---

<b>TS 32.691</b>	<b>Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements</b>
Rel-5	current version: 5.0.0
	WG (prime / other): S5 /
	rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND
	freeze_meeting: SP-17
	G: yes U: yes
	MCC: ZOICAS, Adrian
history (event, available, version, comments):	
SP-17 30/08/2002 1 . 0 . 0	SP-020472
SP-17 18/09/2002 5 . 0 . 0	<a href="#">get it</a> remarks - general:
	<a href="#">get it</a> remarks - this release: .

---

<b>TS 32.692</b>	<b>Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)</b>
Rel-5	current version: 5.0.0
	WG (prime / other): S5 /
	rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND
	freeze_meeting: SP-17
	G: yes U: yes
	MCC: ZOICAS, Adrian
history (event, available, version, comments):	
SP-17 30/08/2002 1 . 0 . 0	SP-020473
SP-17 18/09/2002 5 . 0 . 0	<a href="#">get it</a> remarks - general:
	<a href="#">get it</a> remarks - this release: .

---

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

# 3GPP specification status

Page 197

04 December 2003 12:00:43

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

## TR 32.800 Telecommunication management; Management level procedures and interaction with UTRAN

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* BODEN, Bert Vodafone D2 GmbH  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TR 32.802 Telecommunication management; User Equipment Management (UEM) feasibility study

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-13 01/10/2001 0 . 0 . 2 TP-010213 (!) [get it](#) *remarks - general:*  
SP-14 02/01/2002 1 . 0 . 0 SP-010652 (also TP-010283) [get it](#) *remarks - this release:* SP-21: No rapporteur, work stopped.  
draft 28/01/2002 1 . 0 . 1 [get it](#)  
draft 31/01/2002 1 . 0 . 2 [get it](#)  
SP-15 19/03/2002 1 . 0 . 4 SP-020011 [get it](#)  
SP-16 17/06/2002 2 . 0 . 0 SP-020331 [get it](#)  
SP-16 20/06/2002 5 . 0 . 0 [get it](#)  
SP-17 18/09/2002 5 . 1 . 0 [get it](#)

---

Rel-5 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-5 *current version:* 5.3.0 *WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc Siemens nv/sa  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
SP-18 18/12/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
SP-20 18/06/2003 5 . 2 . 0 [get it](#)  
SP-21 30/09/2003 5 . 3 . 0 [get it](#)

---

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

# 3GPP specification status

Page 198

04 December 2003 12:00:43

ACTIVE specs 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 33.106</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, comments):</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>	
<hr/>						
<b>TS 33.107</b>	<b>3G security; Lawful interception architecture and functions</b>					
Rel-5	<i>current version:</i> 5.6.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT	
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>					
	SP-12 04/07/2001 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-14 07/01/2002 5 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> .	
	SP-15 26/03/2002 5 . 2 . 0			<a href="#">get it</a>		
edito post	SP-15 15/04/2002 5 . 2 . 1	Corrects change history.		<a href="#">get it</a>		
	SP-16 19/06/2002 5 . 3 . 0			<a href="#">get it</a>		
	SP-17 18/09/2002 5 . 4 . 0			<a href="#">get it</a>		
	SP-18 18/12/2002 5 . 5 . 0			<a href="#">get it</a>		
	SP-21 30/09/2003 5 . 6 . 0			<a href="#">get it</a>		
<hr/>						
<b>TS 33.108</b>	<b>3G security; Handover interface for Lawful Interception (LI)</b>					
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT	
	<i>freeze_meeting:</i> SP-16		<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>					
	SP-15 19/03/2002 1 . 0 . 0	SP-020118		<a href="#">get it</a>	<i>remarks - general:</i> 2001-12-04 Title changed from "Lawful Interception; Interface between core network	
	SP-16 2 . 0 . 0	SP-020357			<i>remarks - this release:</i> . and law agency equipment" (Berthold.Wilhelm@RegTP.de).	
	SP-16 19/06/2002 5 . 0 . 0			<a href="#">get it</a>		
	SP-17 23/09/2002 5 . 1 . 0			<a href="#">get it</a>		
	SP-18 18/12/2002 5 . 2 . 0			<a href="#">get it</a>		
	SP-19 24/03/2003 5 . 3 . 0			<a href="#">get it</a>		
	SP-20 18/06/2003 5 . 4 . 0			<a href="#">get it</a>		
	SP-21 30/09/2003 5 . 5 . 0			<a href="#">get it</a>		

---

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

# 3GPP specification status

Page 199

04 December 2003 12:00:43

ACTIVE specs 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 33.200</b>	<b>3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S3 / -		<i>rapporteur:</i> ESCOTT, Adrian		3		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-15	26/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	2001-05-24: title grows MAP; see 33.210 for IP equivalent.		
	SP-18	18/12/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.		
<hr/>									
<b>TS 33.201</b>	<b>Access domain security</b>								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S3 /		<i>rapporteur:</i> POPE, Maurice		ETSI Secretariat		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	<i>remarks - general:</i>								
	<i>remarks - this release:</i> .								
<hr/>									
<b>TS 33.203</b>	<b>3G security; Access security for IP-based services</b>								
Rel-5	<i>current version:</i> 5.7.0		<i>WG (prime / other):</i> S3 /		<i>rapporteur:</i> BOMAN, Krister		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15		G: yes U: yes		<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-13	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>				
	SP-18	18/12/2002	5 . 4 . 0		<a href="#">get it</a>				
	SP-19	24/03/2003	5 . 5 . 0	There are two annexes J; this will be corrected after SP-20.	<a href="#">get it</a>				
	SP-20	18/06/2003	5 . 6 . 0		<a href="#">get it</a>				
	SP-21	30/09/2003	5 . 7 . 0		<a href="#">get it</a>				

---

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



# 3GPP specification status

Page 200

04 December 2003 12:00:44

ACTIVE specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S3 / - *rapporteur:* KOIEN, Geir Telenor AS  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* POPE, Maurice

*history (event, available, version, comments):*

SP-14	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). <i>remarks - this release:</i>
SP-15	19/03/2002	2 . 0 . 0	SP-020117	<a href="#">get it</a>	
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>	
SP-18	18/12/2002	5 . 2 . 0		<a href="#">get it</a>	
SP-19	24/03/2003	5 . 3 . 0		<a href="#">get it</a>	
SP-20	18/06/2003	5 . 4 . 0		<a href="#">get it</a>	
SP-21	30/09/2003	5 . 5 . 0		<a href="#">get it</a>	

---

## TR 33.900 Guide to 3G security

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

*history (event, available, version, comments):*

draft		0 . 4 . 1	v number seems to have restarted. Not uploaded for fear of confusion.	<i>remarks - general:</i> <i>remarks - this release:</i> .
-------	--	-----------	---	---

---

## TR 33.903 Access Security for IP based services

Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-15 *G:* U: yes *MCC:* POPE, Maurice

*history (event, available, version, comments):*

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

---

Rel-5 34 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

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

# 3GPP specification status

Page 201

04 December 2003 12:00:44

ACTIVE specs 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:* 5.3.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-15	19/03/2002	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9:
RP-16	17/06/2002	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	. Stable, so txfered from T1 to R2.
RP-18	13/01/2003	5	.	2	.	0	<a href="#">get it</a>		
RP-19	25/03/2003	5	.	3	.	0	<a href="#">get it</a>		

---

## TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-5 *current version:* 5.1.1 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation  
*freeze\_meeting:* TP-20 *G:* *U:* yes *MCC:* SULTAN, Alain

*history (event, available, version, comments):*

TP-20	17/06/2003	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
TP-21	10/10/2003	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	.
CR266 pars	13/10/2003	5	.	1	.	1	<a href="#">get it</a>		

---

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* T1 / - *rapporteur:* SULTAN, Alain SOURCE COM  
*freeze\_meeting:* TP-16 *G:* *U:* yes *MCC:* SULTAN, Alain

*history (event, available, version, comments):*

TP-16	19/06/2002	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
corrects page headers	24/06/2002	5	.	0	.	1	<a href="#">get it</a>	<i>remarks - this release:</i>	.
TP-17	10/09/2002	5	.	1	.	0	<a href="#">get it</a>		
edito post TP-17	20/09/2002	5	.	1	.	1	<a href="#">get it</a>		There were two annexes C !
TP-18	18/12/2002	5	.	2	.	0	<a href="#">get it</a>		
TP-19	24/03/2003	5	.	3	.	0	<a href="#">get it</a>		
TP-20	17/06/2003	5	.	4	.	0	<a href="#">get it</a>		
TP-21	13/10/2003	5	.	5	.	0	<a href="#">get it</a>		

---

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

# 3GPP specification status

Page 202

04 December 2003 12:00:44

ACTIVE specs 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 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

Rel-5 *current version:* 5.5.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* TP-16 *G:* *U:* yes *MCC:* SULTAN, Alain

*history (event, available, version, comments):*

TP-16	19/06/2002	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
TP-17	10/09/2002	5	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> .
TP-18	18/12/2002	5	.	2	.	0	<a href="#">get it</a>
TP-19	24/03/2003	5	.	3	.	0	<a href="#">get it</a>
TP-20	17/06/2003	5	.	4	.	0	<a href="#">get it</a>
TP-21	10/10/2003	5	.	5	.	0	<a href="#">get it</a>

---

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-15	03/04/2002	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> T1->R4@TSG#10
RP-17	02/10/2002	5	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> .
RP-18	10/01/2003	5	.	2	.	0	<a href="#">get it</a>
RP-19	04/04/2003	5	.	3	.	0	<a href="#">get it</a>

---

## TR 34.926 Table of international EMC requirements

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-15	02/04/2002	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> Plan approved TSG#7 TP-000036). T1->R4@TSG#10 <i>remarks - this release:</i> .
-------	------------	---	---	---	---	---	--

---

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 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* POPE, Maurice

*history (event, available, version, comments):*

SP-16	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> .
-------	------------	---	---	---	---	---	--

---

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

# 3GPP specification status

Page 203

04 December 2003 12:00:45

ACTIVE specs Rel-5 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

---

<b>TS 35.202</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-16 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 35.203</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-16 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 35.204</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	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-16 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*; Document 1: General</b>	5.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
Rel-5	<i>current version:</i> 1: General								
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-16 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*; Document 2: Algorithm specification</b>	5.1.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
Rel-5	<i>current version:</i> 2: Algorithm specification								
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-16 24/06/2002 5 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>	ex SAGE				
	SP-20 18/06/2003 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 access.

# 3GPP specification status

Page 204

04 December 2003 12:00:45

ACTIVE specs 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 35.207 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-5 *current version: 3: Implementors' test data* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-15 G: U: yes MCC: POPE, Maurice  
*history (event, available, version, comments):*  
SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* ex SAGE  
*remarks - this release:* .

---

**TS 35.208 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-5 *current version: 4: Design conformance test data* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-15 G: U: yes MCC: POPE, Maurice  
*history (event, available, version, comments):*  
SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* ex SAGE  
*remarks - this release:* .

---

**TR 35.909 3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-5 *current version: 5: Summary and results of design and evaluation* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-15 G: U: yes MCC: POPE, Maurice  
*history (event, available, version, comments):*  
SP-16 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 /- *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-15 One

G: yes U: MCC: POPE, Maurice  
*history (event, available, version, comments):*  
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 access.

# 3GPP specification status

Page 205

04 December 2003 12:00:45

ACTIVE specs 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 41.033 Lawful Interception requirements for GSM

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* SP-15 *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-5 *current version:* 5.4.0 *WG (prime / other):* SP / *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-20 *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-20 25/06/2003 5 . 4 . 0 Created from 41.103 v5.4.0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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 *WG (prime / other):* T3 / - *rapporteur:* DIETRICH, Christian SchlumbergerSema - Schlumberger Systèmes S.A  
*freeze\_meeting:* TP-15 *G: yes U:* *MCC:* DIETZE, Claus  
*history (event, available, version, comments):*  
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 42.033 Lawful Interception; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* SP-15 *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-16 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 access.

# 3GPP specification status

Page 206

04 December 2003 12:00:45

ACTIVE specs Rel-5 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

---

<b>TS 42.043</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:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	post SP-16 edito to 29/07/2002 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	history box					

---

---

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 access.

# 3GPP specification status

Page 207

04 December 2003 12:00:46

ACTIVE specs 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	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-16 04/07/2002 5 . 0 . 0	Note that the doc is really a TR not a TS <a href="#">get it</a>	<i>remarks - general:</i>			
		(cover sheet is wrong)	<i>remarks - this release:</i> NP-21: Decision not to progress this to Rel-6.			
<hr/>						
<b>TS 43.010</b>	<b>GSM Public Land Mobile Network (PLMN) connection types</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</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> .			
	NP-18 06/01/2003 5 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<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 S.p.A.		
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-10 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<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> 5.6.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A		
	<i>freeze_meeting:</i> TP-15	G: yes U:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</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 21/11/2001 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	file					
	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>				
	TP-18 08/01/2003 5 . 5 . 0	<a href="#">get it</a>				
	TP-19 26/03/2003 5 . 6 . 0	<a href="#">get it</a>				

---

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



# 3GPP specification status

Page 208

04 December 2003 12:00:46

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

---

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

# 3GPP specification status

Page 209

04 December 2003 12:00:46

ACTIVE specs 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>TS 43.033</b>	<b>Lawful Interception; Stage 2</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:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</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 43.045</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</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 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>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-15	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<b>TS 43.051</b>	<b>GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2</b>					
Rel-5	<i>current version:</i> 5.10.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-03 15/02/2001 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Originally created as 03.51r00
	GP-04 20/04/2001 5 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i>
	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>	
	GP-12 03/01/2003 5 . 8 . 0				<a href="#">get it</a>	
	GP-14 25/04/2003 5 . 9 . 0				<a href="#">get it</a>	
	GP-16 12/09/2003 5 . 10 . 0				<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 210

04 December 2003 12:00:47

ACTIVE specs 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>TS 43.052</b>	<b>Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis	ALCATEL S.A.		
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-10 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 43.055</b>	<b>Dual Transfer Mode (DTM); Stage 2</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc		
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-10 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	GP-14 25/04/2003 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	GP-16 12/09/2003 5 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TR 43.058</b>	<b>Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 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-5	<i>current version:</i> 5.3.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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>				
	remove hidden text 25/04/2003 5 . 3 . 1	<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 211

04 December 2003 12:00:47

ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

---

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

Rel-5 *current version:* 5.2.0  
*freeze\_meeting:* GP-09  
*history (event, available, version, comments):*

GP-09	06/05/2002	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
GP-14	25/04/2003	5	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> .
make figs 20 and 25 legible	02/05/2003	5	.	1	.	1	<a href="#">get it</a>
GP-16	12/09/2003	5	.	2	.	0	<a href="#">get it</a>

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

---

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

Rel-5 *current version:* 5.3.0  
*freeze\_meeting:* NP-15  
*history (event, available, version, comments):*

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>
NP-18	18/12/2002	5	.	2	.	0	<a href="#">get it</a>
NP-21	08/10/2003	5	.	3	.	0	<a href="#">get it</a>

WG (*prime / other*): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
G: yes U: *MCC:* JORGENSEN, Per Johan

---

## TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-5 *current version:* 5.3.0  
*freeze\_meeting:* NP-15  
*history (event, available, version, comments):*

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>
NP-18	18/12/2002	5	.	2	.	0	<a href="#">get it</a>
NP-21	08/10/2003	5	.	3	.	0	<a href="#">get it</a>

WG (*prime / other*): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
G: yes U: *MCC:* JORGENSEN, Per Johan

---

## TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16  
*history (event, available, version, comments):*

SP-16	24/06/2002	5	.	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> .
-------	------------	---	---	---	---	---	---

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

---

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

# 3GPP specification status

Page 212

04 December 2003 12:00:47

ACTIVE specs Rel-5 43 .- series  
Server location: [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 *WG (prime / other):* G1 / - *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc  
*freeze\_meeting:* GP-11 *G: yes U:* *MCC:* Jose Luis USAI, Paolino

*history (event, available, version, comments):*  
GP-11 16/09/2002 5 . 0 . 0 Technically identical to TR.43,930 v5.1.0 [get it](#) *remarks - general:* Created identical to last version of 43.930. Also moved from G2 to G1.  
*remarks - this release:* .

---

Rel-5 **44** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

---

**TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* Skov JORGENSEN, Per Johan

*history (event, available, version, comments):*  
NP-16 20/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

---

**TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-11 *G: yes U:* *MCC:* Skov THOMASEN, Gert

*history (event, available, version, comments):*  
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
edito 17/12/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .

---

---

**TS 44.004 Layer 1 - General Requirements**  
Rel-5 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*  
GP-06 15/11/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
GP-07 08/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
GP-09 06/05/2002 5 . 2 . 0 [get it](#)  
GP-17 5 . 3 . 0

---

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

# 3GPP specification status

Page 213

04 December 2003 12:00:48

ACTIVE specs 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 44.005 Data Link (DL) Layer General Aspects**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-11 G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*  
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
edito 17/12/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .

---

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-11 G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*  
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 44.012 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / N2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-11 G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*  
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:* Rel-4 onwards. (Rel-99 was 24.012)  
edito 17/12/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .

---

**TS 44.013 Performance Requirements on Mobile Radio Interface**

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, comments):*  
NP-16 20/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-11 G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*  
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
GP-13 21/02/2003 5 . 1 . 0 [get it](#) *remarks - this release:* .  
GP-15 10/07/2003 5 . 2 . 0 [get it](#)

---

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

# 3GPP specification status

Page 214

04 December 2003 12:00:48

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

Rel-5 *current version:* 5.13.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

GP-04	04/05/2001	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
GP-05	18/06/2001	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
GP-06	10/09/2001	5 . 2 . 0	<a href="#">get it</a>	
GP-07	08/01/2002	5 . 3 . 0	<a href="#">get it</a>	
GP-08	19/02/2002	5 . 4 . 0	<a href="#">get it</a>	
GP-09	02/05/2002	5 . 5 . 0	<a href="#">get it</a>	
GP-10	19/07/2002	5 . 6 . 0	<a href="#">get it</a>	
GP-11	16/09/2002	5 . 7 . 0	<a href="#">get it</a>	
GP-12	17/12/2002	5 . 8 . 0	<a href="#">get it</a>	
GP-13	21/02/2003	5 . 9 . 0	<a href="#">get it</a>	
GP-14	28/04/2003	5 . 10 . 0	<a href="#">get it</a>	
GP-15	10/07/2003	5 . 11 . 0	<a href="#">get it</a>	
GP-16	12/09/2003	5 . 12 . 0	<a href="#">get it</a>	
GP-17		5 . 13 . 0		

---

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

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

*history (event, available, version, comments):*

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

---

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

# 3GPP specification status

Page 215

04 December 2003 12:00:48

ACTIVE specs Rel-5 44 .- series  
Server location: [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> 5.6.0	<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, comments):</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>			
	GP-16 12/09/2003 5 . 6 . 0	<a href="#">get it</a>			
<hr/>					
<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> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> GP-11	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-11 27/09/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	edito 17/12/2002 5 . 0 . 1	<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-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.	
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-16 20/06/2002 5 . 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-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.	
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.



# 3GPP specification status

Page 216

04 December 2003 12:00:49

ACTIVE specs Rel-5 44 .- series  
Server location: [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> 5.9.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> GP-09	G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version, comments):</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>	
	GP-12	17/12/2002	5 . 4 . 0	<a href="#">get it</a>	
	GP-13	21/02/2003	5 . 5 . 0	<a href="#">get it</a>	
	GP-14	29/04/2003	5 . 6 . 0	<a href="#">get it</a>	
	GP-15	10/07/2003	5 . 7 . 0	<a href="#">get it</a>	
	GP-16	13/09/2003	5 . 8 . 0	<a href="#">get it</a>	
	GP-17		5 . 9 . 0		

---

<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>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> NP-15	G: yes U:	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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 (SNDP)</b>				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> NP-15	G: yes U:	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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.
	NP-21	10/10/2003	5 . 1 . 0	<a href="#">get it</a>	<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>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> NP-15	G: yes U:	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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	Correct faulty styles / clause numbering	<a href="#">get it</a>	<i>remarks - this release:</i> .

---

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

# 3GPP specification status

Page 217

04 December 2003 12:00:49

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

---

**TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-11 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
edito 17/12/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .

---

**TS 44.118 Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; lu mode**  
Rel-5 *current version:* 5.7.0 *WG (prime / other):* G2 / - *rapporteur:* VIRTEJ, Iuliana NOKIA Corporation  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-08 20/03/2002 1 . 1 . 0 GP-020289 [get it](#) *remarks - general:*  
draft 26/03/2002 1 . 2 . 0 [get it](#) *remarks - this release:* .  
GP-08 27/03/2002 1 . 3 . 0 GP-02794 [get it](#)  
draft 07/05/2002 1 . 4 . 0 [get it](#)  
GP-10 19/07/2002 5 . 0 . 0 [get it](#)  
GP-11 19/09/2002 5 . 1 . 0 [get it](#)  
GP-12 17/12/2002 5 . 2 . 0 [get it](#)  
GP-13 21/02/2003 5 . 3 . 0 [get it](#)  
GP-14 28/04/2003 5 . 4 . 0 [get it](#)  
GP-15 10/07/2003 5 . 5 . 0 [get it](#)  
GP-16 13/09/2003 5 . 6 . 0 [get it](#)  
GP-17 5 . 7 . 0

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

# 3GPP specification status

Page 218

04 December 2003 12:00:50

ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

---

<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 Iu mode</b>					
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> GP-09	G: yes U:	MCC:	THOMASEN, Gert		
<i>history (event, available, version, comments):</i>						
	GP-09	22/04/2002	0 . 2 . 0	GP-020803	<a href="#">get it</a>	<i>remarks - general:</i> Created GP-08; see GP-020483. 2002-07-18: G1->G2.
	GP-10	19/07/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .
	GP-11	19/09/2002	5 . 1 . 0		<a href="#">get it</a>	
	GP-12	17/12/2002	5 . 2 . 0		<a href="#">get it</a>	
	GP-13	21/02/2003	5 . 3 . 0		<a href="#">get it</a>	
	GP-14	29/04/2003	5 . 4 . 0		<a href="#">get it</a>	
	GP-15	10/07/2003	5 . 5 . 0		<a href="#">get it</a>	
	GP-16	13/09/2003	5 . 6 . 0		<a href="#">get it</a>	
missed	CR066	30/09/2003	5 . 6 . 1		<a href="#">get it</a>	
	GP-17		5 . 7 . 0			

---

<b>TR 44.901</b>	<b>External network assisted cell change (NACC)</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BACKLUND, Ingemar	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> GP-09	G: yes U:	MCC:	THOMASEN, Gert		
<i>history (event, available, version, comments):</i>						
	GP-06		0 . 4 . 0			<i>remarks - general:</i> 2003-07-03 (JMM): WI UID 23011?. See also 25.901.
	GP-08	04/04/2002	0 . 7 . 0	GP-020220	<a href="#">get it</a>	<i>remarks - this release:</i> .
	GP-08	04/04/2002	1 . 0 . 0	GP-020427	<a href="#">get it</a>	
	GP-08	19/03/2002	2 . 0 . 0	GP-020491	<a href="#">get it</a>	
	GP-08	26/03/2002	5 . 0 . 0		<a href="#">get it</a>	
	GP-09	06/05/2002	5 . 1 . 0		<a href="#">get it</a>	

---

Rel-5 45 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

---

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

# 3GPP specification status

Page 219

04 December 2003 12:00:50

ACTIVE specs 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:* 5.7.0

*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

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

*history (event, available, version, comments):*

GP-03	15/02/2001	5	.	0	.	0
GP-06	01/10/2001	5	.	1	.	0
GP-07	04/01/2002	5	.	2	.	0
GP-09	06/05/2002	5	.	3	.	0
GP-10	19/07/2002	5	.	4	.	0
GP-12	03/01/2003	5	.	5	.	0
GP-14	25/04/2003	5	.	6	.	0
GP-17		5	.	7	.	0

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

---

## TS 45.002 Multiplexing and multiple access on the radio path

Rel-5 *current version:* 5.11.0

*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

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

*history (event, available, version, comments):*

GP-03	15/02/2001	5	.	0	.	0
edito	27/02/2001	5	.	0	.	1
GP-04	20/04/2001	5	.	1	.	0
GP-06	01/10/2001	5	.	2	.	0
GP-07	04/01/2002	5	.	3	.	0
GP-08	19/02/2002	5	.	4	.	0
GP-09	06/05/2002	5	.	5	.	0
GP-10	19/07/2002	5	.	6	.	0
GP-12	03/01/2003	5	.	7	.	0
GP-13	21/02/2003	5	.	8	.	0
GP-14	25/04/2003	5	.	9	.	0
GP-15	11/07/2003	5	.	10	.	0
GP-16	12/09/2003	5	.	11	.	0

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

---

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

# 3GPP specification status

Page 220

04 December 2003 12:00:50

ACTIVE specs 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 45.003 Channel coding

Rel-5 *current version:* 5.8.0

*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

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

*history (event, available, version, comments):*

GP-03 06/02/2001 5 . 0 . 0  
GP-05 28/06/2001 5 . 1 . 0  
GP-06 01/10/2001 5 . 2 . 0  
GP-07 04/01/2002 5 . 3 . 0  
GP-08 19/02/2002 5 . 4 . 0  
GP-09 06/05/2002 5 . 5 . 0  
GP-10 19/07/2002 5 . 6 . 0  
GP-14 25/04/2003 5 . 7 . 0  
GP-15 11/07/2003 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 45.004 Modulation

Rel-5 *current version:* 5.1.1

*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

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

*history (event, available, version, comments):*

GP-07 04/01/2002 5 . 0 . 0  
GP-10 19/07/2002 5 . 1 . 0  
Correction of wrong 26/09/2003 5 . 1 . 1  
Release number in  
the front page

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

---

## TS 45.005 Radio transmission and reception

Rel-5 *current version:* 5.9.0

*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* SAMUELSSON, Mats

Telefon AB LM Ericsson

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

*history (event, available, version, comments):*

GP-05 28/06/2001 5 . 0 . 0  
GP-06 01/10/2001 5 . 1 . 0  
GP-07 04/01/2002 5 . 2 . 0  
GP-09 06/05/2002 5 . 3 . 0  
GP-10 19/07/2002 5 . 4 . 0  
GP-11 19/09/2002 5 . 5 . 0  
GP-12 03/01/2003 5 . 6 . 0  
GP-13 21/02/2003 5 . 7 . 0  
GP-14 25/04/2003 5 . 8 . 0  
GP-16 12/09/2003 5 . 9 . 0

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

---

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

# 3GPP specification status

Page 221

04 December 2003 12:00:51

ACTIVE specs 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 45.008 Radio subsystem link control

Rel-5 *current version:* 5.13.0

*freeze\_meeting:* GP-09

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

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

*history (event, available, version, comments):*

GP-03		5	.	0	.	0
GP-04	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
GP-13	21/02/2003	5	.	9	.	0
GP-14	25/04/2003	5	.	10	.	0
GP-15	11/07/2003	5	.	11	.	0
GP-16	12/09/2003	5	.	12	.	0
GP-17		5	.	13	.	0

*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](#)

---

## TS 45.009 Link adaptation

Rel-5 *current version:* 5.5.0

*freeze\_meeting:* GP-09

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

Skov

G: yes U:

MCC: USAI, Paolino

*history (event, available, version, comments):*

GP-03	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

*remarks - general:*

*remarks - this release:*

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

---

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

# 3GPP specification status

Page 222

04 December 2003 12:00:51

ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

---

<b>TS 45.010</b>	<b>Radio subsystem synchronization</b>					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES		
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-10 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	GP-11 19/09/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	GP-13 21/02/2003 5 . 2 . 0	<a href="#">get it</a>				
	GP-16 12/09/2003 5 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TR 45.022</b>	<b>Radio link management in hierarchical networks</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-10 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TR 45.050</b>	<b>Background for RF Requirements</b>					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino	Skov		
	<i>history (event, available, version, comments):</i>					
	GP-10 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	clean up 19/09/2002 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>						
<b>TS 45.056</b>	<b>CTS-FP Radio Sub-system</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-10 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

---

Rel-5 **46** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

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

# 3GPP specification status

Page 223

04 December 2003 12:00:51

ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<b>TS 46.001</b>	<b>Full Rate Speech Processing Functions</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
<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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 access.



# 3GPP specification status

Page 224

04 December 2003 12:00:52

ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<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, comments):</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 46.011</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, comments):</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, comments):</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, comments):</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, comments):</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 access.

# 3GPP specification status

Page 225

04 December 2003 12:00:52

ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<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:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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 46.031</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 S.p.A.
	<i>freeze_meeting:</i> SP-16	G: yes U:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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 S.p.A.
	<i>freeze_meeting:</i> SP-16	G: yes U:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 226

04 December 2003 12:00:54

ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<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, comments):</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 46.053</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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 227

04 December 2003 12:00:54

ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 46.062</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, comments):</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, comments):</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, comments):</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 S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 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 access.

# 3GPP specification status

Page 228

04 December 2003 12:00:55

ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

Rel-5 **48** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

**TS 48.001 General Aspects on the BSS-MSC Interface**

Rel-5 *current version:* 5.0.1  
*freeze\_meeting:* GP-11

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

*history (event, available, version, comments):*

GP-11 27/09/2002 5 . 0 . 0  
edito 17/12/2002 5 . 0 . 1

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

---

**TS 48.002 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles**

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* GP-09

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

*history (event, available, version, comments):*

GP-04 05/10/2001 5 . 0 . 0  
GP-09 06/05/2002 5 . 1 . 0

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

---

**TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification**

Rel-5 *current version:* 5.0.1  
*freeze\_meeting:* GP-11

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

*history (event, available, version, comments):*

GP-11 27/09/2002 5 . 0 . 0  
edito 17/12/2002 5 . 0 . 1

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

---

**TS 48.006 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**

Rel-5 *current version:* 5.0.1  
*freeze\_meeting:* GP-11

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

*history (event, available, version, comments):*

GP-11 27/09/2002 5 . 0 . 0  
edito 17/12/2002 5 . 0 . 1

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

---

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

# 3GPP specification status

Page 229

04 December 2003 12:00:55

ACTIVE specs Rel-5 48 .- series  
Server location: [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:* 5.11.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-09 Skov

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

*history (event, available, version, comments):*

GP-04	04/05/2001	5	.	0	.	0
GP-05	19/06/2001	5	.	1	.	0
GP-06	14/09/2001	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
GP-11	16/09/2002	5	.	7	.	0
GP-12	18/12/2002	5	.	8	.	0
GP-15	10/07/2003	5	.	9	.	0
GP-16	12/09/2003	5	.	10	.	0
GP-17		5	.	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](#)

---

## TS 48.014 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-11 Skov

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

*history (event, available, version, comments):*

GP-11	27/09/2002	5	.	0	.	0
edito	17/12/2002	5	.	0	.	1

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

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

---

## TS 48.016 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service

Rel-5 *current version:* 5.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-09 Skov

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

*history (event, available, version, comments):*

GP-06	14/09/2001	5	.	0	.	0
GP-07	08/01/2002	5	.	1	.	0
GP-15	10/07/2003	5	.	2	.	0

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

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

[get it](#)

---

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

# 3GPP specification status

Page 230

04 December 2003 12:00:55

ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

<b>TS 48.018</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> 5.8.0	<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, comments):</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>			
	edito 17/12/2002 5 . 5 . 1	<a href="#">get it</a>			
	GP-13 21/02/2003 5 . 6 . 0	<a href="#">get it</a>			
	Editorial correction of reference in tables 10.2.1 and 10.2.2	<a href="#">get it</a>			
	GP-15 10/07/2003 5 . 7 . 0	<a href="#">get it</a>			
	GP-17 5 . 8 . 0				
<hr/>					
<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> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	NP-14 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> .		
	NP-18 09/01/2003 5 . 2 . 0	<a href="#">get it</a>			
<hr/>					
<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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-10	<i>G: yes U:</i>	Skov		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> THOMASEN, Gert		
	GP-10 19/07/2002 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 access.

# 3GPP specification status

Page 231

04 December 2003 12:00:56

ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

<b>TS 48.051</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects</b>				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-11 27/09/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	edito 17/12/2002 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	.	

---

<b>TS 48.052</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles</b>				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-11 27/09/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	edito 17/12/2002 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	.	

---

<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> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-11 27/09/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	edito 17/12/2002 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	.	

---

<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>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-11 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 access.



# 3GPP specification status

Page 232

04 December 2003 12:00:56

ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

<b>TS 48.058</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>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-09		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
<i>history (event, available, version, comments):</i>					
	GP-04	04/05/2001	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
	GP-05	18/06/2001	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
	GP-06	10/09/2001	5 . 2 . 0	<a href="#">get it</a>	
	GP-07	08/01/2002	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 48.060</b>	<b>In-band control of remote transcoders and rate adaptors for full rate traffic channels</b>				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-09		Skov		
		G: yes U:	MCC:	USAI, Paolino	
<i>history (event, available, version, comments):</i>					
	GP-09	06/05/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
	GP-10	19/07/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
	GP-11	19/09/2002	5 . 2 . 0	<a href="#">get it</a>	

---

<b>TS 48.061</b>	<b>In-band control of remote transcoders and rate adaptors for half rate traffic channels</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-09		Skov		
		G: yes U:	MCC:	USAI, Paolino	
<i>history (event, available, version, comments):</i>					
	GP-09	06/05/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
					<i>remarks - this release:</i> .

---

<b>TS 48.071</b>	<b>Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification</b>				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
<i>history (event, available, version, comments):</i>					
	GP-11	27/09/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
	edito	17/12/2002	5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .
	GP-15	10/07/2003	5 . 1 . 0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 233

04 December 2003 12:00:56

ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

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  
*freeze\_meeting:* NP-15

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

*history (event, available, version, comments):*  
NP-16 25/06/2002 5 . 0 . 0

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

---

**TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface**

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* NP-15

*WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*  
NP-16 19/06/2002 5 . 0 . 0  
NP-19 24/03/2003 5 . 1 . 0

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

---

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

Rel-5 *current version:* 5.3.0  
*freeze\_meeting:* GP-09

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

*history (event, available, version, comments):*  
GP-06 02/10/2001 5 . 0 . 0  
edito 03/10/2001 5 . 0 . 1  
GP-07 08/01/2002 5 . 1 . 0  
GP-08 19/02/2002 5 . 2 . 0  
GP-10 19/07/2002 5 . 3 . 0

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

# 3GPP specification status

Page 234

04 December 2003 12:00:57

ACTIVE specs Rel-5 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-5 *current version:* 5.6.0 *WG (prime / other):* G3ne / S1 / rapporteur: HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-15 NP / T2 / SCP

G: yes U: MCC: CLAYTON, Michael

### history (event, available, version, comments):

GP-11	20/09/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	2001-11-19: G4->G5.
GP-12	20/12/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release:	.
GP-13	21/02/2003	5 . 2 . 0	<a href="#">get it</a>		
replacement of	28/02/2003	5 . 2 . 1	<a href="#">get it</a>		
omitted text post					
GP-13					
GP-14	25/04/2003	5 . 3 . 0	<a href="#">get it</a>		
GP-15	22/07/2003	5 . 4 . 0	<a href="#">get it</a>	late availability due to extent of changes plus shortage of MCC manpower	
GP-16	05/09/2003	5 . 5 . 0	<a href="#">get it</a>		
GP-17	28/11/2003	5 . 6 . 0	<a href="#">get it</a>	approved CR1851r1 not implementable	

---

## TS 51.010-2 Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Rel-5 *current version:* 5.6.0 *WG (prime / other):* G3ne / S1 / rapporteur: HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* GP-11 NP / T2 / SCP

G: yes U: MCC: CLAYTON, Michael

### history (event, available, version, comments):

GP-11	19/09/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	2001-11-19: G4->G5.
GP-12	20/12/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release:	.
GP-13	21/02/2003	5 . 2 . 0	<a href="#">get it</a>		
GP-14	25/04/2003	5 . 3 . 0	<a href="#">get it</a>		
GP-15	17/07/2003	5 . 4 . 0	<a href="#">get it</a>	late availability due to extent of changes plus shortage of MCC manpower	
GP-16	05/09/2003	5 . 5 . 0	<a href="#">get it</a>		
GP-17	28/11/2003	5 . 6 . 0	<a href="#">get it</a>		

---

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

# 3GPP specification status

Page 235

04 December 2003 12:00:57

ACTIVE specs Rel-5 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

---

**TS 51.013 Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando Indicate persons who left Company and wait for new  
*freeze\_meeting:* TP-20 One  
*G:* yes *U:* *MCC:* DIETZE, Claus  
*history (event, available, version, comments):*  
TP-20 23/06/2003 5 . 0 . 0 [get it](#) *remarks - general:*  
post TP-20 editorial 27/06/2003 5 . 0 . 1 [get it](#) *remarks - this release:* TP-16: WI is TP-020122.  
to fix zipped annex  
E attachment

---

**TS 51.021 GSM radio aspects base station system equipment specification**  
Rel-5 *current version:* 5.3.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson  
*freeze\_meeting:* GP-10 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
GP-12 03/01/2003 5 . 1 . 0 [get it](#) *remarks - this release:* .  
GP-13 21/02/2003 5 . 2 . 0 [get it](#)  
GP-15 11/07/2003 5 . 3 . 0 [get it](#)

---

**TS 51.026 GSM Repeater Equipment Specification**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson  
*freeze\_meeting:* GP-10 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

Rel-5 **52** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

---

**TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* GP-10 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 236

04 December 2003 12:00:57

ACTIVE specs 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 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-18 *G:* yes *U:* *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-19 31/03/2003 5 . 0 . 0 technically identical to v4.2.0 [get it](#) *remarks - general:* SP-13: replaces 32.402.  
*remarks - this release:* SP-18: Expected to be raised to Rel-5 at SP-19.

---

---

## Rel-4

Rel-4 21 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

**TS 21.101 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system**  
Rel-4 *current version:* 4.9.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-20 *G:* *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-20 25/06/2003 4 . 9 . 0 Created from 21.102 v4.9.0 [get it](#) *remarks - general:* 2003-05: Title changed from "3rd Generation mobile system Release 1999  
*remarks - this release:* . Specifications".

---

**TS 21.111 USIM and IC card requirements**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* T3 / - *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* DIETZE, Claus  
*history (event, available, version, comments):*  
TP-11 09/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
TP-17 18/09/2002 4 . 1 . 0 [get it](#) *remarks - this release:* 2002-04-15: T3 reported to be still thinking about whether or not to create a Rel-5  
version. TP-16: decided to upgrade to Rel-5.

---

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

# 3GPP specification status

Page 237

04 December 2003 12:00:58

ACTIVE specs Rel-4 21 .- series  
Server location: [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

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
  
*history (event, available, version, comments):*  
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  
Per  
G: U: yes *MCC:* POPE, Maurice  
  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

## TR 21.801 Specification drafting rules

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11  
  
*history (event, available, version, comments):*  
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, comments):*  
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:* 4.5.0  
*freeze\_meeting:* SP-11  
  
*history (event, available, version, comments):*  
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  
SP-20 18/06/2003 4 . 5 . 0

*WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd  
G: U: yes *MCC:* CLAYTON, Michael  
  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* Absorbs 01.04.  
[get it](#)  
[get it](#)  
[get it](#)

---

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

# 3GPP specification status

Page 238

04 December 2003 12:00:58

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-09	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 bars	28/02/2001	4 . 1 . 1	<a href="#">get it</a>	
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>	

---

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-09	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>	

---

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-07	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>	

---

**TS 22.004 General on supplementary services**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 239

04 December 2003 12:00:58

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.011</b>	<b>Service accessibility</b>						
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLAIRE, Jean Paul	France Telecom			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</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>					
<hr/>							
<b>TS 22.016</b>	<b>International Mobile Equipment Identities (IMEI)</b>						
Rel-4	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-11 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>					
<hr/>							
<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>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	SP-11 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>				
<hr/>							
<b>TS 22.024</b>	<b>Description of Charge Advice Information (CAI)</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, comments):</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 access.



# 3GPP specification status

Page 240

04 December 2003 12:00:59

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.030</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, comments):</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 22.031</b>	<b>Fraud Information Gathering System (FIGS); 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-18	G: yes U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i>								
	SP-18 06/01/2003 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5						
			<i>remarks - this release:</i> Created from 42.031 Rel-4. -> 22.031.						
<hr/>									
<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, comments):</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, comments):</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> 4.2.0	<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, comments):</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>						
	SP-20 18/06/2003 4 . 2 . 0	<a href="#">get it</a>							

---

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

# 3GPP specification status

Page 241

04 December 2003 12:00:59

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.041</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, comments):</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>			
<hr/>						
<b>TS 22.042</b>	<b>Network Identity and Time Zone (NITZ) service description; Stage 1</b>					
Rel-4	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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-20 18/06/2003 4 . 2 . 0	<a href="#">get it</a>				
	corect cover date 26/06/2003 4 . 2 . 1	<a href="#">get it</a>				
<hr/>						
<b>TS 22.048</b>	<b>Security mechanisms for the (U)SIM application toolkit; Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> TP-12	G: yes U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-12 06/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TP-12: was previously 42.048.			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 22.053</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 23/04/1999 0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4.			
	SP-03 23/04/1999 0 . 1 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>				
	edito 01/10/2001 4 . 0 . 1	<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 242

04 December 2003 12:00:59

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.057</b>	<b>Mobile Execution Environment (MExE) service description; Stage 1</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-09 18/10/2000 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution			
	SP-15 25/03/2002 4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	Environment (MExE); Stage 1".			
<hr/>									
<b>TS 22.060</b>	<b>General Packet Radio Service (GPRS); Service description; Stage 1</b>								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-07 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-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>					
<hr/>									
<b>TS 22.066</b>	<b>Support of Mobile Number Portability (MNP); 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, comments):</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 22.067</b>	<b>enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-10 08/01/2001 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>				

---

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

# 3GPP specification status

Page 243

04 December 2003 12:01:00

ACTIVE specs 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 22.071 Location Services (LCS); Stage 1

Rel-4 *current version:* 4.5.0 *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, comments):*

SP-08	28/06/2000	4 . 0 . 0	based on 3.2.0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
SP-09	18/10/2000	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>
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>	
SP-21	30/09/2003	4 . 5 . 0		<a href="#">get it</a>	

---

## TS 22.072 Call Deflection (CD); Stage 1

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, comments):*

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>
-------	------------	-----------	--	------------------------	--

---

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

SP-11	10/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>
edito	01/10/2001	4 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i>

---

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

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, comments):*

SP-09	29/10/2000	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-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>	

---

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

# 3GPP specification status

Page 244

04 December 2003 12:01:00

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.079</b>	<b>Support of optimal routing; 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, comments):</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 22.081</b>	<b>Line Identification supplementary services; Stage 1</b>					
Rel-4	<i>current version:</i> 4.1.0	<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-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.082</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-12 29/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-15 25/03/2002 4 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 22.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) 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, comments):</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 22.084</b>	<b>MultiParty (MPTY) supplementary service; 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, comments):</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>			

---

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

# 3GPP specification status

Page 245

04 December 2003 12:01:00

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.085</b>	<b>Closed User Group (CUG) 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, comments):</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 22.086</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, comments):</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, comments):</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, comments):</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, comments):</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 access.

# 3GPP specification status

Page 246

04 December 2003 12:01:01

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.091</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, comments):</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 22.093</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, comments):</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, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to <i>remarks - this release:</i> Apr2001: V3 unwithdrawn, so Rel-4 version produced. scrap 02,94 R99 in favour
	SP-15 25/03/2002 4 . 1 . 0				<a href="#">get it</a>	
of a common GSM/UMTS spec, 22.094.						
<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, comments):</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, comments):</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>
	SP-15 25/03/2002 4 . 1 . 0				<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 247

04 December 2003 12:01:01

ACTIVE specs 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 22.101 Service aspects; Service principles

Rel-4 *current version:* 4.8.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

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 corrections	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>	
SP-20	18/06/2003	4 . 7 . 0		<a href="#">get it</a>	
SP-21	30/09/2003	4 . 8 . 0		<a href="#">get it</a>	

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

---

## TS 22.105 Services and service capabilities

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

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>	

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

---

## TS 22.115 Service Aspects Charging and billing

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

SP-11	02/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>
-------	------------	-----------	--	------------------------	---------------------------

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

*remarks - this release:*

---

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



# 3GPP specification status

Page 248

04 December 2003 12:01:01

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<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	G: yes	U: yes	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</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; Stage			
	SP-11 02/04/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	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>					
<hr/>									
<b>TS 22.127</b>	<b>Service Requirement for the Open Services Access (OSA); Stage 1</b>								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	draft	0 . 1 . 0			<i>remarks - general:</i>				
	draft	0 . 2 . 0			<i>remarks - this release:</i>				
	draft	0 . 3 . 0							
	draft	0 . 4 . 0							
	draft	0 . 5 . 0							
	SP-09 28/09/2000	1 . 0 . 0		<a href="#">get it</a>					
	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		<a href="#">get it</a>					
	SP-11 02/04/2001	4 . 1 . 0		<a href="#">get it</a>					
	SP-12 27/06/2001	4 . 2 . 0		<a href="#">get it</a>					
	SP-14 10/01/2002	4 . 3 . 0		<a href="#">get it</a>					
	SP-15 28/03/2002	4 . 4 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 22.129</b>	<b>Handover requirements between UTRAN and GERAN or other radio systems</b>								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SAMPSON, Nick	ORANGE PCS LTD			
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-09 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-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>					

---

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

# 3GPP specification status

Page 249

04 December 2003 12:01:02

ACTIVE specs 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 22.135 Multicall; Service description; Stage 1

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
SP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
SP-15 27/03/2002 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-16 4 . 2 . 0 CR010 unimplementable because written  
to wrong version. No new CR at SP-17;  
still waiting.  
SP-18 18/12/2002 4 . 2 . 0 CR010r1 implemented [get it](#)

---

## TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* LAUMEN, Josef SIEMENS AG  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
SP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* (development in T2)  
SP-05 08/10/1999 1 . 0 . 0 [get it](#) *remarks - this release:* based on 3.0.0  
SP-06 17/12/1999 2 . 0 . 0 [get it](#)  
SP-08 4 . 0 . 0  
SP-08 28/06/2000 4 . 0 . 1 [get it](#)  
SP-11 02/04/2001 4 . 1 . 0 [get it](#)  
SP-15 28/03/2002 4 . 2 . 0 [get it](#)  
SP-18 07/01/2003 4 . 3 . 0 [get it](#)

---

Rel-4 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 access.

# 3GPP specification status

Page 250

04 December 2003 12:01:02

ACTIVE specs Rel-4 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>					
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-09 18/10/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5			
	SP-10 21/12/2000 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-11 06/04/2001 4 . 2 . 0	<a href="#">get it</a>				
	SP-12 29/06/2001 4 . 3 . 0	<a href="#">get it</a>				
	SP-14 07/01/2002 4 . 4 . 0	<a href="#">get it</a>				
	SP-17 24/09/2002 4 . 5 . 0	<a href="#">get it</a>				
	SP-18 10/01/2003 4 . 6 . 0	<a href="#">get it</a>				
	SP-19 27/03/2003 4 . 7 . 0	<a href="#">get it</a>				
	SP-20 20/06/2003 4 . 8 . 0	<a href="#">get it</a>				

---

<b>TS 23.003</b>	<b>Numbering, Addressing and Identification</b>					
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	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>				
	NP-20 27/06/2003 4 . 6 . 0	<a href="#">get it</a>				
	NP-21 09/10/2003 4 . 7 . 0	<a href="#">get it</a>				

---

<b>TS 23.007</b>	<b>Restoration procedures</b>					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
corrects references	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 references	24/09/2002 4 . 1 . 1	<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 251

04 December 2003 12:01:02

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.008</b>	<b>Organisation of subscriber data</b>				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-11 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>			
	NP-20 27/06/2003 4 . 3 . 0	<a href="#">get it</a>			

---

<b>TS 23.009</b>	<b>Handover procedures</b>				
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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>			
	NP-18 02/01/2003 4 . 6 . 0	<a href="#">get it</a>			
	NP-19 24/03/2003 4 . 7 . 0	<a href="#">get it</a>			
	NP-20 27/06/2003 4 . 8 . 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	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	corrects references 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	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-11 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 access.

# 3GPP specification status

Page 252

04 December 2003 12:01:03

ACTIVE specs 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 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
NP-11 11/04/2001 4 . 0 . 0  
NP-17 17/09/2002 4 . 1 . 0

*WG (prime / other):* N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG  
*G: yes U: yes* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:* Should not be in UMTS ????  
[get it](#) *remarks - this release:*

---

## TS 23.015 Technical realization of Operator Determined Barring (ODB)

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
NP-11 02/04/2001 4 . 0 . 0  
corrects references 24/06/2002 4 . 0 . 1

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

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

---

## TS 23.016 Subscriber data management; Stage 2

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
NP-11 30/03/2001 4 . 0 . 0  
NP-15 28/03/2002 4 . 1 . 0  
NP-16 21/06/2002 4 . 2 . 0  
NP-17 17/09/2002 4 . 3 . 0

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

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

---

## TS 23.018 Basic Call Handling; Technical realization

Rel-4 *current version:* 4.7.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
NP-09 25/10/2000 4 . 0 . 0  
NP-10 21/12/2000 4 . 1 . 0  
NP-11 06/04/2001 4 . 2 . 0  
NP-12 27/06/2001 4 . 3 . 0  
NP-13 03/10/2001 4 . 4 . 0  
NP-14 16/01/2002 4 . 5 . 0  
NP-15 28/03/2002 4 . 6 . 0  
NP-19 04/04/2003 4 . 7 . 0

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

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

---

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

# 3GPP specification status

Page 253

04 December 2003 12:01:03

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.031</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 2</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-18	G: yes U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version, comments):</i>						
	SP-18 06/01/2003 4 . 0 . 0	Technically identical to 43.031 v4.0.0	<a href="#">get it</a>	<i>remarks - general:</i>	SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5	
				<i>remarks - this release:</i>	Created from 43.031 Rel-4. -> 23.031.	
<hr/>						
<b>TS 23.032</b>	<b>Universal Geographical Area Description (GAD)</b>					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
<i>history (event, available, version, comments):</i>						
	SP-11 11/04/2001 4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	S2 responsibility?	
	SP-18 07/01/2003 4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	edito post SP-18 to correct figures	10/01/2003 4 . 1 . 1	<a href="#">get it</a>			
<hr/>						
<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>			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
<i>history (event, available, version, comments):</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 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 One		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version, comments):</i>						
	SP-16 24/06/2002 4 . 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 4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	SP-16: takes over from 43.035 Rel-4	

---

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

# 3GPP specification status

Page 254

04 December 2003 12:01:03

ACTIVE specs 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 23.038 Alphabets and language-specific information

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
TP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
TP-10 03/01/2001 4 . 1 . 0 [get it](#) *remarks - this release:* based on 3.3.0  
TP-11 29/03/2001 4 . 2 . 0 [get it](#)  
TP-13 03/10/2001 4 . 3 . 0 [get it](#)  
TP-14 11/01/2002 4 . 4 . 0 [get it](#)

---

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
TP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
TP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.  
TP-09 11/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*  
TP-11 29/03/2001 4 . 2 . 0 [get it](#)  
TP-12 02/07/2001 4 . 3 . 0 [get it](#)  
TP-13 03/10/2001 4 . 4 . 0 [get it](#)  
TP-14 11/01/2002 4 . 5 . 0 [get it](#)  
TP-15 21/03/2002 4 . 6 . 0 [get it](#)  
TP-16 25/06/2002 4 . 7 . 0 [get it](#)  
TP-20 26/06/2003 4 . 8 . 0 [get it](#)

---

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

# 3GPP specification status

Page 255

04 December 2003 12:01:04

ACTIVE specs 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 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-11	06/04/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4
TP-12	04/07/2001	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
TP-14	11/01/2002	4	.	2	.	0	<a href="#">get it</a>
TP-16	02/07/2002	4	.	3	.	0	<a href="#">get it</a>
TP-19	24/03/2003	4	.	4	.	0	<a href="#">get it</a>

---

## TS 23.042 Compression algorithm for SMS

Rel-4 *current version:* 4.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-11	06/04/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
include test vector file	17/10/2001	4	.	0	.	1	<a href="#">get it</a> <i>remarks - this release:</i>

---

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd  
*freeze\_meeting:* TP-12 *G: yes U: yes* *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

TP-12	06/07/2001	4	.	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	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> .
TP-14	17/01/2002	4	.	2	.	0	<a href="#">get it</a>
TP-15	28/03/2002	4	.	3	.	0	<a href="#">get it</a>
TP-19	26/03/2003	4	.	4	.	0	<a href="#">get it</a>

---

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

SP-05	13/10/1999	0	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> No draft.
SP-11	29/03/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
edito	01/10/2001	4	.	0	.	1	<a href="#">get it</a>

---

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



# 3GPP specification status

Page 256

04 December 2003 12:01:04

ACTIVE specs 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 23.057 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, comments):*

TP-10	22/12/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Apr-2001: " Station Application" removed from title.
TP-11	11/04/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
TP-12	05/07/2001	4 . 2 . 0	<a href="#">get it</a>	
TP-13	05/10/2001	4 . 3 . 0	<a href="#">get it</a>	
include fig 5	18/10/2001	4 . 3 . 1	<a href="#">get it</a>	
TP-14	16/01/2002	4 . 4 . 0	<a href="#">get it</a>	
TP-15	25/03/2002	4 . 5 . 0	<a href="#">get it</a>	

---

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

SP-11	06/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
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	08/01/2002	4 . 3 . 0	<a href="#">get it</a>	
edito		4 . 3 . 1		
SP-15	05/04/2002	4 . 4 . 0	<a href="#">get it</a>	
SP-16	17/06/2002	4 . 5 . 0	<a href="#">get it</a>	
SP-17	02/10/2002	4 . 6 . 0	<a href="#">get it</a>	
SP-18	10/01/2003	4 . 7 . 0	<a href="#">get it</a>	
SP-20	20/06/2003	4 . 8 . 0	<a href="#">get it</a>	

---

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-11	04/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5
corrects references	24/06/2002	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>

---

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

# 3GPP specification status

Page 257

04 December 2003 12:01:05

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.067</b>	<b>Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2</b>					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-10 21/12/2000 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>		
	corrects references 24/06/2002 4 . 1 . 1		<a href="#">get it</a>			
<hr/>						
<b>TS 23.072</b>	<b>Call Deflection Supplementary Service; Stage 2</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	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	corrects references 24/06/2002 4 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>						
<b>TS 23.078</b>	<b>customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2</b>					
Rel-4	<i>current version:</i> 4.10.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	NP-11 02/04/2001 4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5		
	NP-12 29/06/2001 4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> 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	minor correction, no need for SDO publication	<a href="#">get it</a>			
	to cover page					
	NP-18 18/12/2002 4 . 7 . 0		<a href="#">get it</a>			
	NP-19 25/03/2003 4 . 8 . 0		<a href="#">get it</a>			
	NP-20 23/06/2003 4 . 9 . 0		<a href="#">get it</a>			
	NP-21 29/09/2003 4 . 10 . 0		<a href="#">get it</a>			

---

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

# 3GPP specification status

Page 258

04 December 2003 12:01:05

ACTIVE specs 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 23.079 Support of Optimal Routing (SOR); Technical realization; Stage 2

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* CR at TSG#4,CR at TSG#5  
NP-16 21/06/2002 4 . 1 . 0 [get it](#) *remarks - this release:* .  
NP-18 07/01/2003 4 . 2 . 0 [get it](#)

---

## TS 23.081 Line Identification supplementary services; Stage 2

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-17 17/09/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

---

## TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 27/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-13 03/10/2001 4 . 2 . 0 [get it](#)  
NP-16 21/06/2002 4 . 3 . 0 [get it](#)

---

## TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-09 26/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-11 30/03/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
inclusion of missed 24/04/2001 4 . 2 . 0 [get it](#)  
CR  
NP-14 10/01/2002 4 . 3 . 0 [get it](#)

---

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

# 3GPP specification status

Page 259

04 December 2003 12:01:05

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.084</b>	<b>MultiParty (MPY) 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 LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 260

04 December 2003 12:01:06

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

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
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, comments):*  
NP-11 30/03/2001 4 . 0 . 0  
NP-17 17/09/2002 4 . 1 . 0

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

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

---

**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, comments):*  
NP-11 04/04/2001 4 . 0 . 0

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

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

---

**TS 23.094 Follow Me Stage 2**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
NP-11 04/04/2001 4 . 0 . 0

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

[get it](#) *remarks - general:* Transfer>TSG#4. 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, comments):*  
NP-11 04/04/2001 4 . 0 . 0

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

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

---

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

# 3GPP specification status

Page 261

04 December 2003 12:01:06

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.097</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> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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> 4.6.0	<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> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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>				
	SP-18 10/01/2003 4 . 6 . 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> DOIG, Ian	MOTOROLA S.A.S		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	NP-11 11/04/2001 4 . 0 . 0	<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	<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 access.

# 3GPP specification status

Page 262

04 December 2003 12:01:06

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.110</b>	<b>UMTS Access Stratum Services and Functions</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-11 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 23.116</b>	<b>Super-Charger technical realization; Stage 2</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ALLEN, Nicholas	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5			
	NP-12 27/06/2001 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>				
<hr/>						
<b>TS 23.119</b>	<b>Gateway Location Register (GLR); Stage2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SAWADA, Masahiro	NTT DoCoMo Inc.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 23.122</b>	<b>Non-Access-Stratum functions related to Mobile Station (MS) in idle mode</b>					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	NP-11 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	NP-12 05/07/2001 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>				
	NP-18 18/12/2002 4 . 3 . 0	<a href="#">get it</a>				
	NP-21 10/10/2003 4 . 4 . 0	<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 263

04 December 2003 12:01:06

ACTIVE specs 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 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, Christophe ERICSSON RESEARCH CANADA  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
SP-09 06/11/2000 4 . 0 . 0 [get it](#) *remarks - general:* Sept 00: "Open Service Architecture" removed from title.  
SP-11 06/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-12 29/06/2001 4 . 2 . 0 [get it](#)  
SP-15 05/04/2002 4 . 3 . 0 [get it](#)

---

## TS 23.135 Multicall supplementary service; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-09 25/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

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

Rel-4 *current version:* 4.10.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
TP-09 06/10/2000 4 . 0 . 0 [get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.  
TP-10 21/12/2000 4 . 1 . 0 [get it](#) *remarks - this release:*  
TP-11 29/03/2001 4 . 2 . 0 [get it](#)  
TP-12 03/07/2001 4 . 3 . 0 [get it](#)  
TP-13 05/10/2001 4 . 4 . 0 [get it](#)  
TP-14 11/01/2002 4 . 5 . 0 [get it](#)  
TP-15 21/03/2002 4 . 6 . 0 [get it](#)  
TP-16 25/06/2002 4 . 7 . 0 [get it](#)  
TP-17 23/09/2002 4 . 8 . 0 [get it](#)  
TP-19 31/03/2003 4 . 9 . 0 [get it](#)  
TP-20 24/06/2003 4 . 10 . 0 [get it](#)

---

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



# 3GPP specification status

Page 264

04 December 2003 12:01:07

ACTIVE specs 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 23.146 Technical realization of facsimile Group 3 service - non-transparent

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* HAGIWARA, Junichiro NTT DoCoMo Inc.  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

NP-06	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:* 4.9.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* SP-10 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

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>
NP-18	09/01/2003	4	.	6	.	0	<a href="#">get it</a>
NP-19	04/04/2003	4	.	7	.	0	<a href="#">get it</a>
NP-20	27/06/2003	4	.	8	.	0	<a href="#">get it</a>
NP-21	09/10/2003	4	.	9	.	0	<a href="#">get it</a>

---

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

# 3GPP specification status

Page 265

04 December 2003 12:01:07

ACTIVE specs 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 23.205 Bearer-independent circuit-switched core network; Stage 2

Rel-4 *current version:* 4.7.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

WG (prime / other):	N4	/ -	<i>rapporteur:</i>	HODGES, Phil	Telefon AB LM Ericsson
G:	U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo	

NP-10 12/01/2001 1 . 0 . 1 N4-001104 [get it](#) *remarks - general:* 2000-10: Rap change from Keutmann.  
NP-11 30/03/2001 4 . 0 . 0 [get it](#) *remarks - this release:*  
NP-12 06/07/2001 4 . 1 . 0 [get it](#)  
NP-13 03/10/2001 4 . 2 . 0 [get it](#)  
NP-14 10/01/2002 4 . 3 . 0 [get it](#)  
NP-15 28/03/2002 4 . 4 . 0 [get it](#)  
NP-16 21/06/2002 4 . 5 . 0 [get it](#)  
NP-17 18/09/2002 4 . 6 . 0 [get it](#)  
NP-20 27/06/2003 4 . 7 . 0 [get it](#)

---

## TS 23.221 Architectural requirements

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

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

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  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

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

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](#)

---

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

# 3GPP specification status

Page 266

04 December 2003 12:01:08

ACTIVE specs 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 23.271 Location Services (LCS); Functional description; Stage 2

Rel-4 *current version:* 4.10.0

*freeze\_meeting:* SP-11

*WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation

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

*history (event, available, version, comments):*

draft 10/07/2000 0 . 1 . 0

draft 14/09/2000 0 . 2 . 0

SP-09 09/11/2000 1 . 0 . 0

draft 22/11/2000 1 . 1 . 0

SP-10 2 . 0 . 0 SP-000596

SP-10 27/02/2001 4 . 0 . 0

SP-11 11/04/2001 4 . 1 . 0

SP-12 02/07/2001 4 . 2 . 0

SP-13 15/10/2001 4 . 3 . 0

SP-14 07/01/2002 4 . 4 . 0

SP-15 29/03/2002 4 . 5 . 0

SP-16 18/06/2002 4 . 6 . 0

SP-17 24/09/2002 4 . 7 . 0

SP-18 09/01/2003 4 . 8 . 0

SP-20 23/06/2003 4 . 9 . 0

SP-21 02/10/2003 4 . 10 . 0

[get it](#)

*remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards.

[get it](#)

*remarks - this release:* post-TSG#8: Recombined Rel99 2G and 3G specs (respectively 03.71 and 23.171).

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TR 23.873 Feasibility study fro transport and control separation in the PS CN domain

Rel-4 *current version:* 4.0.0

*freeze\_meeting:* SP-11

*WG (prime / other):* S2 / - *rapporteur:* IBANEZ, Juan-Antonio Telefon AB LM Ericsson

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

*history (event, available, version, comments):*

draft 12/09/2000 0 . 2 . 0

draft 08/11/2000 0 . 3 . 0

draft 20/11/2000 0 . 4 . 0

SP-10 31/01/2001 1 . 0 . 0

draft 30/12/2000 1 . 1 . 0

SP-11 11/04/2001 4 . 0 . 0

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TR 23.908 Technical report on Pre-Paging

Rel-4 *current version:* 4.0.0

*freeze\_meeting:* SP-11

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

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

*history (event, available, version, comments):*

NP-11 04/04/2001 4 . 0 . 0

[get it](#)

*remarks - general:*

*remarks - this release:*

---

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

# 3GPP specification status

Page 267

04 December 2003 12:01:08

ACTIVE specs Rel-4 23 .- series  
Server location: [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>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC:	Chalmers KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</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>TR 23.910</b>	<b>Circuit switched data bearer services</b>				
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC:	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</i>				
	NP-09 18/10/2000 4 . 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)		
	edito 24/10/2000 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>		
	NP-10 22/12/2000 4 . 1 . 0	<a href="#">get it</a>			
	NP-11 06/04/2001 4 . 2 . 0	<a href="#">get it</a>			
	NP-12 28/06/2001 4 . 3 . 0	<a href="#">get it</a>			
	NP-14 11/01/2002 4 . 4 . 0	<a href="#">get it</a>			
	NP-17 17/09/2002 4 . 5 . 0	<a href="#">get it</a>			
	NP-18 06/01/2003 4 . 6 . 0	<a href="#">get it</a>			
	NP-19 27/03/2003 4 . 7 . 0	<a href="#">get it</a>			
	NP-21 01/10/2003 4 . 8 . 0	<a href="#">get it</a>			
<hr/>					
<b>TR 23.911</b>	<b>Technical report on Out-of-band transcoder control</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC:	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</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>TR 23.912</b>	<b>Technical report on Super-Charger</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC:	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>				
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-14 10/01/2002 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 access.

# 3GPP specification status

Page 268

04 December 2003 12:01:08

ACTIVE specs Rel-4 23 .- series  
Server location: [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, comments):*  
SP-11 11/04/2001 4 . 0 . 0

*WG (prime / other):* S2 / - *rapporteur:* AXERUD, Bo NOKIA TELECOMMUNICATIONS FINLAND  
*G:* *U:* yes *MCC:* YOON, Sang-Ui

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

---

Rel-4 **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

**TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration**  
Rel-4 *current version:* 4.1.1  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
NP-11 06/04/2001 4 . 0 . 0  
NP-19 24/03/2003 4 . 1 . 0  
correction of typo on cover page 02/06/2003 4 . 1 . 1

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

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

---

---

**TS 24.007 Mobile radio interface signalling layer 3; General Aspects**  
Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
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 access.

# 3GPP specification status

Page 269

04 December 2003 12:01:09

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

Rel-4 *current version:* 4.12.0 *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, comments):*

NP-09	12/10/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-10	03/01/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
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>	
NP-18	18/12/2002	4 . 9 . 0	<a href="#">get it</a>	
NP-19	24/03/2003	4 . 10 . 0	<a href="#">get it</a>	
NP-20	27/06/2003	4 . 11 . 0	<a href="#">get it</a>	
NP-21	10/10/2003	4 . 12 . 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 Peter MOTOROLA A/S  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
Skov

*history (event, available, version, comments):*

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 Peter MOTOROLA A/S  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan  
Skov

*history (event, available, version, comments):*

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, restore missing figure	28/06/2002	4 . 1 . 1	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 270

04 December 2003 12:01:09

ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

<b>TS 24.022</b>	<b>Radio Link Protocol (RLP) for circuit switched bearer and teleservices</b>						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>						
	NP-11 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 Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface".			
	NP-20 23/06/2003 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>				
<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, comments):</i>						
	NP-11 30/03/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	TSG#7: txfrd from SMG to 3GPP for R99.			
	NP-12 27/06/2001 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>					
<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, comments):</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>				
<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	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>						
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	corrects references 24/06/2002 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>				

---

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

# 3GPP specification status

Page 271

04 December 2003 12:01:09

ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

<b>TS 24.080</b>	<b>Mobile radio Layer 3 supplementary service specification; Formats and coding</b>					
Rel-4	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>					
	NP-11 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>		
	editorial 09/10/2003 4 . 3 . 1			<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	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	corrects references 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	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>					
	NP-11 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 LTD
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>					
	NP-11 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 LTD
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>					
	NP-11 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 access.



# 3GPP specification status

Page 272

04 December 2003 12:01:10

ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

<b>TS 24.085</b>	<b>Closed User Group (CUG) 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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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>			
<hr/>						
<b>TS 24.086</b>	<b>Advice of Charge (AoC) 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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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>			
<hr/>						
<b>TS 24.087</b>	<b>User-to-User Signalling (UUS); Stage 3</b>					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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>			
<hr/>						
<b>TS 24.088</b>	<b>Call Barring (CB) Supplementary Service; Stage 3</b>					
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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>			
	correct history box 23/07/2002 4 . 0 . 2	<a href="#">get it</a>				
<hr/>						
<b>TS 24.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 3</b>					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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 acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 273

04 December 2003 12:01:10

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
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 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
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 24.096 Name Identification Supplementary Service; Stage 3**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
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 24.135 Multicall supplementary service; Stage 3**

Rel-4 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* SP-11 *G: U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-14 10/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*  
correct references 25/06/2002 4 . 1 . 1 [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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 274

04 December 2003 12:01:10

ACTIVE specs 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 25.101 User Equipment (UE) radio transmission and reception (FDD)

Rel-4 *current version:* 4.9.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

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

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 14/01/2002 4 . 3 . 0 [get it](#)  
RP-15 29/03/2002 4 . 4 . 0 [get it](#)  
RP-16 01/07/2002 4 . 5 . 0 [get it](#)  
RP-18 10/01/2003 4 . 6 . 0 [get it](#)  
RP-19 04/04/2003 4 . 7 . 0 [get it](#)  
RP-20 27/06/2003 4 . 8 . 0 [get it](#)  
RP-21 10/10/2003 4 . 9 . 0 [get it](#)

---

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

Rel-4 *current version:* 4.7.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

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

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 14/01/2002 4 . 3 . 0 [get it](#)  
RP-15 29/03/2002 4 . 4 . 0 [get it](#)  
RP-16 01/07/2002 4 . 5 . 0 [get it](#)  
RP-17 02/10/2002 4 . 6 . 0 [get it](#)  
RP-18 10/01/2003 4 . 7 . 0 [get it](#)

---

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

# 3GPP specification status

Page 275

04 December 2003 12:01:11

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

Rel-4 *current version:* 4.7.0

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	03/10/2001	4	.	2	.	0
RP-14	14/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	01/07/2002	4	.	5	.	0
RP-18	10/01/2003	4	.	6	.	0
RP-19	04/04/2003	4	.	7	.	0

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

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

Rel-4 *current version:* 4.7.0

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-14	16/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	01/07/2002	4	.	5	.	0
RP-18	10/01/2003	4	.	6	.	0
RP-19	04/04/2003	4	.	7	.	0

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

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

# 3GPP specification status

Page 276

04 December 2003 12:01:11

ACTIVE specs 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 25.106 UTRA repeater radio transmission and reception

Rel-4 *current version:* 4.6.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R4 / - *rapporteur:* NILSSON, Martin Indicate persons who left Company and wait for new

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

*history (event, available, version, comments):*

Start of work	01/08/2000	0	.	0	.	1	
RP-09	13/10/2000	1	.	0	.	0	
RP-10	21/12/2000	1	.	1	.	0	RP-000596
RP-11	10/04/2001	4	.	0	.	0	
RP-13	10/10/2001	4	.	1	.	0	
RP-16	01/07/2002	4	.	2	.	0	
RP-17	02/10/2002	4	.	3	.	0	
RP-18	10/01/2003	4	.	4	.	0	
RP-19	04/04/2003	4	.	5	.	0	
RP-20	27/06/2003	4	.	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](#)

---

## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-4 *current version:* 4.4.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry

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

*history (event, available, version, comments):*

RP-11	10/04/2001	4	.	0	.	0	
RP-12	29/06/2001	4	.	1	.	0	
RP-13	10/10/2001	4	.	2	.	0	
RP-17	02/10/2002	4	.	3	.	0	
RP-18	10/01/2003	4	.	4	.	0	

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

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

[get it](#)

[get it](#)

[get it](#)

---

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

# 3GPP specification status

Page 277

04 December 2003 12:01:11

ACTIVE specs 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 25.123 Requirements for support of radio resource management (TDD)

Rel-4 *current version:* 4.10.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-11	10/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
RP-12	29/06/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
RP-13	10/10/2001	4 . 2 . 0	<a href="#">get it</a>	
RP-14	16/01/2002	4 . 3 . 0	<a href="#">get it</a>	
RP-15	29/03/2002	4 . 4 . 0	<a href="#">get it</a>	
RP-16	03/07/2002	4 . 5 . 0	<a href="#">get it</a>	
RP-17	10/10/2002	4 . 6 . 0	<a href="#">get it</a>	
RP-18	10/01/2003	4 . 7 . 0	<a href="#">get it</a>	
RP-19	04/04/2003	4 . 8 . 0	<a href="#">get it</a>	
RP-20	01/07/2003	4 . 9 . 0	<a href="#">get it</a>	
RP-21	10/10/2003	4 . 10 . 0	<a href="#">get it</a>	

---

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

Rel-4 *current version:* 4.10.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*freeze\_meeting:* RP-11 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-11	10/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
RP-12	29/06/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
RP-13	10/10/2001	4 . 2 . 0	<a href="#">get it</a>	
RP-14	17/01/2002	4 . 3 . 0	<a href="#">get it</a>	
RP-15	29/03/2002	4 . 4 . 0	<a href="#">get it</a>	
RP-16	04/07/2002	4 . 5 . 0	<a href="#">get it</a>	
RP-17	04/10/2002	4 . 6 . 0	<a href="#">get it</a>	
RP-18	10/01/2003	4 . 7 . 0	<a href="#">get it</a>	
RP-19	04/04/2003	4 . 8 . 0	<a href="#">get it</a>	
RP-20	01/07/2003	4 . 9 . 0	<a href="#">get it</a>	
RP-21	10/10/2003	4 . 10 . 0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 278

04 December 2003 12:01:12

ACTIVE specs 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 25.141 Base Station (BS) conformance testing (FDD)

Rel-4 *current version:* 4.8.0

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	03/10/2001	4	.	2	.	0
RP-14	16/01/2002	4	.	3	.	0
RP-15	02/04/2002	4	.	4	.	0
RP-16	04/07/2002	4	.	5	.	0
RP-17	04/10/2002	4	.	6	.	0
RP-18	10/01/2003	4	.	7	.	0
RP-19	04/04/2003	4	.	8	.	0

*WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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

---

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

Rel-4 *current version:* 4.8.0

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-14	16/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	04/07/2002	4	.	5	.	0
RP-17	04/10/2002	4	.	6	.	0
RP-18	10/01/2003	4	.	7	.	0
RP-19	04/04/2003	4	.	8	.	0

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

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

---

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

# 3GPP specification status

Page 279

04 December 2003 12:01:12

ACTIVE specs 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 25.143 UTRA repeater conformance testing

Rel-4 *current version:* 4.8.0

*freeze\_meeting:* RP-11

*WG (prime / other):* R4 / - *rapporteur:* KUMMETZ, Thomas MIKOM GmbH - Mikrotechnik zur Kommunikation

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

*history (event, available, version, comments):*

Start of work	01/08/2000	0	.	0	.	0	
RP-09	12/10/2000	0	.	0	.	2	
RP-10	21/12/2000	1	.	0	.	0	RP-000671
RP-11	10/04/2001	4	.	0	.	0	
RP-12	29/06/2001	4	.	1	.	0	
RP-13	10/10/2001	4	.	2	.	0	
RP-15	19/03/2002	4	.	3	.	0	
RP-16	03/07/2002	4	.	4	.	0	
RP-17	02/10/2002	4	.	5	.	0	
RP-18	10/01/2003	4	.	6	.	0	
RP-19	04/04/2003	4	.	7	.	0	
RP-20	27/06/2003	4	.	8	.	0	

[get it](#) *remarks - general:* Created by renumbering 25.107  
[get it](#) *remarks - this release:* Was to have been 25.107. But never was.

## TS 25.201 Physical layer - general description

Rel-4 *current version:* 4.3.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* TOSKALA, Antti NOKIA Corporation

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

*history (event, available, version, comments):*

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](#)

## TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

Rel-4 *current version:* 4.6.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* WILDE, Andreas NEC EUROPE LTD

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

*history (event, available, version, comments):*

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	

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

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



# 3GPP specification status

Page 280

04 December 2003 12:01:12

ACTIVE specs 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 25.212 Multiplexing and channel coding (FDD)

Rel-4 *current version:* 4.6.0

*freeze\_meeting:* SP-11

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

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

*history (event, available, version, comments):*

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

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

---

## TS 25.213 Spreading and modulation (FDD)

Rel-4 *current version:* 4.3.0

*freeze\_meeting:* SP-11

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

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

*history (event, available, version, comments):*

RP-11 05/04/2001 4 . 0 . 0  
RP-12 28/06/2001 4 . 1 . 0  
RP-14 09/01/2002 4 . 2 . 0  
RP-16 28/06/2002 4 . 3 . 0

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

---

## TS 25.214 Physical layer procedures (FDD)

Rel-4 *current version:* 4.6.0

*freeze\_meeting:* SP-11

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

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

*history (event, available, version, comments):*

RP-11 05/04/2001 4 . 0 . 0  
RP-12 28/06/2001 4 . 1 . 0  
RP-13 08/10/2001 4 . 2 . 0  
RP-14 09/01/2002 4 . 3 . 0  
RP-15 29/03/2002 4 . 4 . 0  
RP-17 27/09/2002 4 . 5 . 0  
RP-19 04/04/2003 4 . 6 . 0

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

---

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

# 3GPP specification status

Page 281

04 December 2003 12:01:13

ACTIVE specs 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 25.215 Physical layer; Measurements (FDD)

Rel-4 *current version:* 4.7.0

*freeze\_meeting:* SP-11

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

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

*history (event, available, version, comments):*

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-17	27/09/2002	4	.	5	.	0
RP-18	07/01/2003	4	.	6	.	0
RP-20	27/06/2003	4	.	7	.	0

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

Rel-4 *current version:* 4.7.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Panasonic Mobile Communications Co.,Ltd.

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

*history (event, available, version, comments):*

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	28/06/2002	4	.	5	.	0
RP-17	27/09/2002	4	.	6	.	0
RP-18	07/01/2003	4	.	7	.	0

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 25.222 Multiplexing and channel coding (TDD)

Rel-4 *current version:* 4.6.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co, Ltd

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

*history (event, available, version, comments):*

RP-11	05/04/2001	4	.	0	.	0
RP-13	08/10/2001	4	.	1	.	0
RP-14	09/01/2002	4	.	2	.	0
RP-15	29/03/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0
RP-17	27/09/2002	4	.	5	.	0
RP-18	07/01/2003	4	.	6	.	0

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

# 3GPP specification status

Page 282

04 December 2003 12:01:13

ACTIVE specs 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 25.223 Spreading and modulation (TDD)

Rel-4 *current version:* 4.5.0

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-18	07/01/2003	4	.	5	.	0

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

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

---

## TS 25.224 Physical layer procedures (TDD)

Rel-4 *current version:* 4.9.0

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	28/06/2002	4	.	5	.	0
RP-17	27/09/2002	4	.	6	.	0
RP-18	07/01/2003	4	.	7	.	0
RP-19	04/04/2003	4	.	8	.	0
RP-21	29/09/2003	4	.	9	.	0

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

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

---

## TS 25.225 Physical layer; Measurements (TDD)

Rel-4 *current version:* 4.7.0

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0
RP-17	27/09/2002	4	.	5	.	0
RP-18	07/01/2003	4	.	6	.	0
RP-20	27/06/2003	4	.	7	.	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](#)

---

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

# 3GPP specification status

Page 283

04 December 2003 12:01:14

ACTIVE specs 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 25.301 Radio Interface Protocol Architecture

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R2 / - *rapporteur:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ARZELIER, Claude  
*history (event, available, version, comments):*  
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-14 04/01/2002 4 . 2 . 0 [get it](#)  
RP-16 17/06/2002 4 . 3 . 0 [get it](#)  
RP-17 18/09/2002 4 . 4 . 0 [get it](#)

---

## TS 25.302 Services provided by the physical layer

Rel-4 *current version:* 4.8.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ARZELIER, Claude  
*history (event, available, version, comments):*  
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?  
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 02/10/2001 4 . 2 . 0 [get it](#)  
RP-14 04/01/2002 4 . 3 . 0 [get it](#)  
RP-15 19/03/2002 4 . 4 . 0 [get it](#)  
RP-16 17/06/2002 4 . 5 . 0 [get it](#)  
RP-17 18/09/2002 4 . 6 . 0 [get it](#)  
RP-18 20/12/2002 4 . 7 . 0 [get it](#)  
RP-21 02/10/2003 4 . 8 . 0 [get it](#)

---

## TS 25.303 Interlayer procedures in Connected Mode

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ARZELIER, Claude  
*history (event, available, version, comments):*  
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 02/10/2001 4 . 2 . 0 [get it](#)  
RP-14 04/01/2002 4 . 3 . 0 [get it](#)  
RP-15 19/03/2002 4 . 4 . 0 [get it](#)  
RP-16 17/06/2002 4 . 5 . 0 [get it](#)

---

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

# 3GPP specification status

Page 284

04 December 2003 12:01:14

ACTIVE specs 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 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-11	27/03/2001	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	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>	
RP-18	08/01/2003	4 . 6 . 0	<a href="#">get it</a>	
RP-20	25/06/2003	4 . 7 . 0	<a href="#">get it</a>	

---

## TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-11	27/03/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Created from 25.923
RP-12	19/06/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
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>	
RP-19	25/03/2003	4 . 4 . 0	<a href="#">get it</a>	
RP-20	20/06/2003	4 . 5 . 0	<a href="#">get it</a>	
RP-21	02/10/2003	4 . 6 . 0	<a href="#">get it</a>	

---

## TS 25.306 UE Radio Access capabilities definition

Rel-4 *current version:* 4.8.0 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-11	27/03/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Converted from TR 25.926 at TSG#10.
RP-12	19/06/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
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>	
RP-18	08/01/2003	4 . 6 . 0	<a href="#">get it</a>	
RP-20	20/06/2003	4 . 7 . 0	<a href="#">get it</a>	
RP-21	02/10/2003	4 . 8 . 0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 285

04 December 2003 12:01:15

ACTIVE specs 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 25.307 Requirements on UEs supporting a release-independent frequency band

Rel-4 *current version:* 4.1.0 *WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-13 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*history (event, available, version, comments):*  
RP-13 02/10/2001 4 . 0 . 0 [get it](#) *remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements,  
RP-14 04/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:* Expect continual updates each time a new band is allowed. R4 = RF & RMM  
requirements.

---

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

Rel-4 *current version:* 4.9.0 *WG (prime / other):* R2 / - *rapporteur:* STADLER, Thomas SIEMENS AG  
*freeze\_meeting:* RP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*history (event, available, version, comments):*  
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 02/10/2001 4 . 2 . 0 [get it](#)  
RP-14 04/01/2002 4 . 3 . 0 [get it](#)  
RP-15 19/03/2002 4 . 4 . 0 [get it](#)  
RP-16 17/06/2002 4 . 5 . 0 [get it](#)  
RP-17 18/09/2002 4 . 6 . 0 [get it](#)  
RP-18 08/01/2003 4 . 7 . 0 [get it](#)  
RP-19 25/03/2003 4 . 8 . 0 [get it](#)  
RP-21 02/10/2003 4 . 9 . 0 [get it](#)

---

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

Rel-4 *current version:* 4.10.0 *WG (prime / other):* R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*history (event, available, version, comments):*  
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 03/10/2001 4 . 2 . 0 [get it](#)  
RP-14 04/01/2002 4 . 3 . 0 [get it](#)  
RP-15 19/03/2002 4 . 4 . 0 [get it](#)  
RP-16 17/06/2002 4 . 5 . 0 [get it](#)  
RP-17 19/09/2002 4 . 6 . 0 [get it](#)  
RP-18 10/01/2003 4 . 7 . 0 [get it](#)  
RP-19 25/03/2003 4 . 8 . 0 [get it](#)  
RP-20 20/06/2003 4 . 9 . 0 [get it](#)  
RP-21 02/10/2003 4 . 10 . 0 [get it](#)

---

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

# 3GPP specification status

Page 286

04 December 2003 12:01:15

ACTIVE specs 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 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-4 *current version:* 4.6.0

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

RP-11	27/03/2001	4	.	0	.	0
RP-12	19/06/2001	4	.	1	.	0
RP-13	02/10/2001	4	.	2	.	0
RP-14	04/01/2002	4	.	3	.	0
RP-15	19/03/2002	4	.	4	.	0
RP-16	17/06/2002	4	.	5	.	0
RP-17	18/09/2002	4	.	6	.	0

*WG (prime / other):* R2 / - *rapporteur:* HANS, Martin SIEMENS AG

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

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 25.324 Broadcast/Multicast Control (BMC)

Rel-4 *current version:* 4.3.0

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

RP-11	27/03/2001	4	.	0	.	0
RP-16	17/06/2002	4	.	1	.	0
RP-18	13/01/2003	4	.	2	.	0
RP-19	25/03/2003	4	.	3	.	0

*WG (prime / other):* R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH

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

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

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

[get it](#)

[get it](#)

---

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

# 3GPP specification status

Page 287

04 December 2003 12:01:15

ACTIVE specs 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 25.331 Radio Resource Control (RRC) protocol specification

Rel-4	<i>current version:</i> 4.11.0	WG (prime / other):	R2 / -	<i>rapporteur:</i>	KUCHIBHOTLA, Ravi	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude	
<i>history (event, available, version, comments):</i>						
	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	RP-17 CR	23/09/2002	4 . 7 . 0	<a href="#">get it</a>	v4.6.0 omitted ASN.1 in error	
	RP-18	03/02/2003	4 . 8 . 0	<a href="#">get it</a>		
	RP-19	27/03/2003	4 . 9 . 0	<a href="#">get it</a>		
	RP-20	25/06/2003	4 . 10 . 0	<a href="#">get it</a>		
	RP-21	02/10/2003	4 . 11 . 0	<a href="#">get it</a>		

---

## TS 25.401 UTRAN overall description

Rel-4	<i>current version:</i> 4.6.0	WG (prime / other):	R3 / -	<i>rapporteur:</i>	GODIN, Philippe	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
<i>history (event, available, version, comments):</i>						
	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>		
	RP-18	03/01/2003	4 . 6 . 0	<a href="#">get it</a>		

---

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



# 3GPP specification status

Page 288

04 December 2003 12:01:16

ACTIVE specs 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 25.402 Synchronisation in UTRAN Stage 2

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

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>	
RP-18	03/01/2003	4 . 6 . 0	<a href="#">get it</a>	

---

## TS 25.410 UTRAN Iu Interface: General Aspects and Principles

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R3 / - *rapporteur:* IYER, Subramanian S. MOTOROLA A/S  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

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-14	11/01/2002	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 25.411 UTRAN Iu interface layer 1

Rel-4 *current version:* 4.1.0 *WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

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>

---

## TS 25.412 UTRAN Iu interface signalling transport

Rel-4 *current version:* 4.1.0 *WG (prime / other):* R3 / - *rapporteur:* NG, Cheng Hock NEC Corporation  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

RP-11	06/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
RP-17	30/09/2002	4 . 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 access.

# 3GPP specification status

Page 289

04 December 2003 12:01:16

ACTIVE specs 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 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

Rel-4 *current version:* 4.10.0 *WG (prime / other):* R3 / - *rapporteur:* GUYOT, Olivier NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

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
RP-18	03/01/2003	4	.	7	.	0
RP-19	26/03/2003	4	.	8	.	0
RP-20	17/06/2003	4	.	9	.	0
RP-21	30/09/2003	4	.	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 25.414 UTRAN Iu interface data transport & transport signalling

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

RP-11	06/04/2001	4	.	0	.	0
RP-13	12/10/2001	4	.	1	.	0
RP-14	14/01/2002	4	.	2	.	0
RP-15	02/04/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0
RP-18	03/01/2003	4	.	5	.	0
RP-19	26/03/2003	4	.	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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 290

04 December 2003 12:01:16

ACTIVE specs 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 25.415 UTRAN Iu interface user plane protocols

Rel-4 *current version:* 4.7.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

RP-11	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	14/01/2002	4 . 3 . 0	<a href="#">get it</a>	
RP-15	25/03/2002	4 . 4 . 0	<a href="#">get it</a>	
RP-16	28/06/2002	4 . 5 . 0	<a href="#">get it</a>	
RP-17	30/09/2002	4 . 6 . 0	<a href="#">get it</a>	
RP-18	03/01/2003	4 . 7 . 0	<a href="#">get it</a>	

WG (*prime / other*): R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson  
G: U: yes *MCC:* KRAUSE, Joern

---

## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

Rel-4 *current version:* 4.9.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

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	25/03/2002	4 . 4 . 0	<a href="#">get it</a>	
RP-16	28/06/2002	4 . 5 . 0	<a href="#">get it</a>	
correct vers no. shown on doc	06/08/2002	4 . 5 . 1	<a href="#">get it</a>	
RP-17	03/10/2002	4 . 6 . 0	<a href="#">get it</a>	
RP-19	26/03/2003	4 . 7 . 0	<a href="#">get it</a>	
RP-20	17/06/2003	4 . 8 . 0	<a href="#">get it</a>	
RP-21	30/09/2003	4 . 9 . 0	<a href="#">get it</a>	

WG (*prime / other*): R3 / - *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc  
G: U: yes *MCC:* KRAUSE, Joern

---

## TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

RP-11	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>	

WG (*prime / other*): R3 / - *rapporteur:* MIAH, Babul Lucent Technologies Network Systems UK  
G: U: yes *MCC:* KRAUSE, Joern

---

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

# 3GPP specification status

Page 291

04 December 2003 12:01:17

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TS 25.421</b>	<b>UTRAN Iur interface Layer 1</b>								
Rel-4	current version: 4.0.0		WG (prime / other): R3 / -	rapporteur: KUNZ, Walter		SIEMENS AG			
	freeze_meeting: SP-11		G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version, comments):								
	RP-11 06/04/2001 4 . 0 . 0				<a href="#">get it</a>	remarks - general:			
						remarks - this release:			
<hr/>									
<b>TS 25.422</b>	<b>UTRAN Iur interface signalling transport</b>								
Rel-4	current version: 4.2.0		WG (prime / other): R3 / -	rapporteur: MIAH, Babul		Lucent Technologies Network Systems UK			
	freeze_meeting: SP-11		G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version, comments):								
	RP-11 06/04/2001 4 . 0 . 0				<a href="#">get it</a>	remarks - general:			
	RP-14 11/01/2002 4 . 1 . 0				<a href="#">get it</a>	remarks - this release:			
	edito post RP-14 02/04/2002 4 . 1 . 1				<a href="#">get it</a>				
	RP-17 03/10/2002 4 . 2 . 0				<a href="#">get it</a>				
<hr/>									
<b>TS 25.423</b>	<b>UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling</b>								
Rel-4	current version: 4.10.0		WG (prime / other): R3 / -	rapporteur: ERICSSON, Ingela		Telefon AB LM Ericsson			
	freeze_meeting: SP-11		G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version, comments):								
	RP-11 06/04/2001 4 . 0 . 0				<a href="#">get it</a>	remarks - general:			
	RP-12 06/07/2001 4 . 1 . 0				<a href="#">get it</a>	remarks - this release:			
	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 05/07/2002 4 . 5 . 0				<a href="#">get it</a>				
	RP-17 11/10/2002 4 . 6 . 0				<a href="#">get it</a>				
	RP-18 03/01/2003 4 . 7 . 0				<a href="#">get it</a>				
	RP-19 31/03/2003 4 . 8 . 0				<a href="#">get it</a>				
	RP-20 17/06/2003 4 . 9 . 0				<a href="#">get it</a>				
	RP-21 30/09/2003 4 . 10 . 0				<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 292

04 December 2003 12:01:17

ACTIVE specs Rel-4 25 .- series  
Server location: [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>	DREVON, Nicolas	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version, comments):</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>	DREVON, Nicolas	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version, comments):</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, comments):</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> 4.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	HAKULI, Tuomas	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version, comments):</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-18 03/01/2003	4 . 4 . 0		<a href="#">get it</a>			

---

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

# 3GPP specification status

Page 293

04 December 2003 12:01:18

ACTIVE specs 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 25.430 UTRAN lub Interface: General Aspects and Principles**

Rel-4 *current version:* 4.4.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
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:* KOIZUMI, Yoshiko Fujitsu Limited  
*G:* *U:* yes *MCC:* KRAUSE, Joern  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

---

**TS 25.431 UTRAN lub interface Layer 1**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
RP-11 06/04/2001 4 . 0 . 0

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*G:* *U:* yes *MCC:* KRAUSE, Joern  
[get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 25.432 UTRAN lub interface: signalling transport**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
RP-11 06/04/2001 4 . 0 . 0

*WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited  
*G:* *U:* yes *MCC:* KRAUSE, Joern  
[get it](#) *remarks - general:*  
*remarks - this release:*

---

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

# 3GPP specification status

Page 294

04 December 2003 12:01:18

ACTIVE specs 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 25.433 UTRAN lub interface NBAP signalling

Rel-4 *current version:* 4.10.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* SEHEDIC, Yann  
*G:* *U:* yes *MCC:* KRAUSE, Joern

NORTEL NETWORKS (EUROPE)

*history (event, available, version, comments):*

RP-11	06/04/2001	4	.	0	.	0
RP-12	06/07/2001	4	.	1	.	0
RP-13	12/10/2001	4	.	2	.	0
edito	23/10/2001	4	.	2	.	1
RP-14	11/01/2002	4	.	3	.	0
RP-15	04/04/2002	4	.	4	.	0
RP-16	19/07/2002	4	.	5	.	0
RP-17	11/10/2002	4	.	6	.	0
RP-18	03/01/2003	4	.	7	.	0
RP-19	31/03/2003	4	.	8	.	0
RP-20	17/06/2003	4	.	9	.	0
RP-21	30/09/2003	4	.	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](#)

---

## TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-4 *current version:* 4.4.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* LAVASANI, Shahab  
*G:* *U:* yes *MCC:* KRAUSE, Joern

TeliaSonera AB

*history (event, available, version, comments):*

RP-11	06/04/2001	4	.	0	.	0
RP-12	06/07/2001	4	.	1	.	0
RP-14	11/01/2002	4	.	2	.	0
RP-15	02/04/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0

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

---

## TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

Rel-4 *current version:* 4.5.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* STOJANOVSKI, Saso  
*G:* *U:* yes *MCC:* KRAUSE, Joern

NORTEL NETWORKS (EUROPE)

*history (event, available, version, comments):*

RP-11	06/04/2001	4	.	0	.	0
RP-12	06/07/2001	4	.	1	.	0
RP-13	12/10/2001	4	.	2	.	0
RP-14	11/01/2002	4	.	3	.	0
RP-15	02/04/2002	4	.	4	.	0
RP-17	03/10/2002	4	.	5	.	0

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

---

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

# 3GPP specification status

Page 295

04 December 2003 12:01:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<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> HAUSER, Alexander	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> KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>		<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-11 06/04/2001 4 . 0 . 0			<i>remarks - this release:</i>	
<hr/>					
<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	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>		<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-11 06/04/2001 4 . 0 . 0			<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.	
<hr/>					
<b>TR 25.834</b>	<b>UTRA TDD low chip rate option; Radio protocol aspects</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LIU, YanHui	China Academy of Telecommunications Technology	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ARZELIER, Claude	
	<i>history (event, available, version, comments):</i>		<a href="#">get it</a>	<i>remarks - general:</i>	
	Start of work 01/07/2000 0 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.	
	draft 15/07/2000 0 . 0 . 1		<a href="#">get it</a>		
	draft 01/08/2000 0 . 1 . 0		<a href="#">get it</a>		
	RP-09 01/10/2000 1 . 0 . 0		<a href="#">get it</a>		
	RP-10 20/12/2000 4 . 0 . 0		<a href="#">get it</a>		
	RP-11 27/03/2001 4 . 1 . 0		<a href="#">get it</a>		
<hr/>					
<b>TR 25.836</b>	<b>Node B synchronization for TDD</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> OESTREICH, Stefan	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa	
	<i>history (event, available, version, comments):</i>		<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 05/04/2001 4 . 1 . 0				

---

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



# 3GPP specification status

Page 296

04 December 2003 12:01:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TR 25.838</b>	<b>Node B Synchronisation for TDD (lub/lur aspects)</b>								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> LENHART, Johannes	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</i>								
	draft 15/07/2000	0	. 0	. 1	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-09 21/09/2000	0	. 1	. 0	<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.			
	RP-10 21/12/2000	0	. 1	. 1	<a href="#">get it</a>				
	RP-11 06/04/2001	4	. 0	. 0	<a href="#">get it</a>				
	RP-14 11/01/2002	4	. 1	. 0	<a href="#">get it</a>				
<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> SASAKI, Tsukasa	Fujitsu Networks Europe Ltd.		
	<i>freeze_meeting:</i> SP-11				<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</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. 2003-11-28: WG Chairman indicates that the doc is contentious, and cannot easily be brought under change control.			
	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, comments):</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 25.843</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	China Academy of Telecommunications Technology		
	<i>freeze_meeting:</i> SP-11				<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 297

04 December 2003 12:01:19

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TR 25.844 Radio access bearer support enhancements**

Rel-4 *current version:* 4.3.0 *freeze\_meeting:* SP-11  
*WG (prime / other):* R2 / - *rapporteur:* KRISHNARAJAH, Ericsson AB  
Ainkaran  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-10 20/12/2000 1 . 0 . 0 RP-000560  
RP-11 27/03/2001 4 . 0 . 0  
RP-13 02/10/2001 4 . 1 . 0  
RP-16 17/06/2002 4 . 2 . 0  
RP-17 18/09/2002 4 . 3 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.  
[get it](#)  
[get it](#)

---

**TR 25.847 UE positioning enhancements**

Rel-4 *current version:* 4.0.0 *freeze\_meeting:* SP-11  
*WG (prime / other):* R2 / *rapporteur:* BECKMANN, Mark SIEMENS AG  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

draft 10/11/2000 0 . 1 . 0  
RP-10 20/12/2000 1 . 0 . 0  
RP-11 27/03/2001 4 . 0 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.  
[get it](#)

---

**TR 25.848 Physical Layer Aspects of UTRA High Speed Downlink Packet Access**

Rel-4 *current version:* 4.0.0 *freeze\_meeting:* SP-10  
*WG (prime / other):* R1 / *rapporteur:* IKEDA, Shinobu NEC Corporation  
*G:* *U:* yes *MCC:* SASAKI, Tsukasa

*history (event, available, version, comments):*

RP-11 05/04/2001 4 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:* RP-15: Not to be promoted to Rel-5.

---

**TR 25.849 DSCH power control improvement in soft handover**

Rel-4 *current version:* 4.0.0 *freeze\_meeting:* SP-11  
*WG (prime / other):* R3 / - *rapporteur:* WOONHEE, Hwang NOKIA Corporation  
*G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

RP-11 06/04/2001 4 . 0 . 0

[get it](#) *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 access.

# 3GPP specification status

Page 298

04 December 2003 12:01:19

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TR 25.850 UE positioning in UTRAN lub/lur protocol aspects**

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
RP-10 21/12/2000 0 . 0 . 2 RP-000658  
draft 21/12/2000 0 . 1 . 0  
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

*WG (prime / other):* R3 / - *rapporteur:* HAUTALA, Jari NOKIA Corporation  
*G:* *U:* yes *MCC:* KRAUSE, Joern  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

**TR 25.851 RAB Quality of Service (QoS) Renegotiation over lu**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
RP-10 21/12/2000 0 . 0 . 2 RP-000660  
RP-11 06/04/2001 4 . 0 . 0

*WG (prime / other):* R3 / *rapporteur:* IRWIN, Sania MOTOROLA GmbH  
*G:* *U:* yes *MCC:* KRAUSE, Joern  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.

---

**TR 25.853 Delay budget within the access stratum**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* RP-11  
*history (event, available, version, comments):*  
RP-11 06/04/2001 4 . 0 . 0

*WG (prime / other):* R3 / - *rapporteur:* VON BRANDT, Armin SIEMENS AG  
*G:* *U:* yes *MCC:* KRAUSE, Joern  
[get it](#) *remarks - general:* Was 25.932. Approved and renumbered at TSG#10.  
*remarks - this release:* RP-15: No upgrade to Rel-5.

---

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

Rel-4 *current version:* 4.6.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
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-18 13/01/2003 4 . 5 . 0  
RP-21 02/10/2003 4 . 6 . 0

*WG (prime / other):* R2 / - *rapporteur:* KALLA, Gairn NOKIA UK Ltd  
*G:* *U:* yes *MCC:* ARZELIER, Claude  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

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

# 3GPP specification status

Page 299

04 December 2003 12:01:20

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TR 25.922 Radio Resource Management Strategies

Rel-4 *current version:* 4.2.0

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

RP-11 27/03/2001 4 . 0 . 0  
RP-13 02/10/2001 4 . 1 . 0  
RP-15 19/03/2002 4 . 2 . 0

*WG (prime / other):* R2 / - *rapporteur:* BULDORINI, Andrea TELECOM ITALIA S.p.A.

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

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

---

## TR 25.928 1,28 Mcps functionality for UTRA TDD physical layer

Rel-4 *current version:* 4.0.1

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

RP-07 0 . 0 . 2 RP-000091  
RP-07 15/03/2000 0 . 0 . 3 RP-000158  
RP-08 0 . 2 . 0  
RP-08 23/06/2000 1 . 0 . 0  
RP-09 11/01/2001 1 . 1 . 0  
RP-11 06/04/2001 4 . 0 . 0  
edito 10/04/2001 4 . 0 . 1

*WG (prime / other):* R1 / - *rapporteur:* AKSENTIJEVIC, Mirko NOKIA Corporation

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

[get it](#) *remarks - general:* Created R1#10, Jan 99.  
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-4 *current version:* 4.4.0

*freeze\_meeting:* SP-07

*history (event, available, version, comments):*

RP-11 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](#)

---

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

# 3GPP specification status

Page 300

04 December 2003 12:01:20

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TR 25.934 AAL2 QoS optimization

Rel-4 *current version:* 4.0.0

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

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 Vodafone K.K.

*G:* *U:* yes *MCC:* KRAUSE, Joern

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:* RP-15: No upgrade to Rel-5.

[get it](#)

[get it](#)

[get it](#)

---

## TR 25.935 RRM optimisation

Rel-4 *current version:* 4.1.0

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

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, Gert-Jan SAMSUNG Electronics Research Institute

*G:* *U:* yes *MCC:* KRAUSE, Joern

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:* RP-15: No upgrade to Rel-5.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TR 25.936 Handover for realtime services from PS-domain

Rel-4 *current version:* 4.0.1

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

Start of work	01/07/2000	0	.	0	.	0
draft	15/07/2000	0	.	0	.	1
R3-15	01/09/2000	0	.	1	.	0
RP-10	21/12/2000	0	.	3	.	0
RP-11	06/04/2001	4	.	0	.	0
formatting	09/01/2002	4	.	0	.	1
corrections						

*WG (prime / other):* R3 / - *rapporteur:* MOUSSET, Claire NORTEL NETWORKS (EUROPE)

*G:* *U:* yes *MCC:* KRAUSE, Joern

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:* RP-15: Not to be promoted to Rel-5.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

# 3GPP specification status

Page 301

04 December 2003 12:01:20

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TR 25.937</b>	<b>UTRAN TDD low chiprate</b>								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> XU, Bing	HuaWei Technologies Co., Ltd				
	<i>freeze_meeting:</i> SP-11		G: U: yes	MCC: KRAUSE, Joern					
	<i>history (event, available, version, comments):</i>								
	draft 01/08/2000	0 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	draft 15/08/2000	0 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.				
	R3-15 30/08/2000	0 . 1 . 0		<a href="#">get it</a>					
	RP-10 21/12/2000	0 . 3 . 1	RP-000686	<a href="#">get it</a>					
	RP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>					
	RP-13 12/10/2001	4 . 1 . 0		<a href="#">get it</a>					
<hr/>									
<b>TR 25.942</b>	<b>RF system scenarios</b>								
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BENABDALLAH, Nadia	Vodafone Omnitel N.V				
	<i>freeze_meeting:</i> SP-12		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								
	RP-11 10/10/2001	4 . 0 . 0	expected post RP-12	<a href="#">get it</a>	<i>remarks - general:</i> Additional rapporteur = A.De Pasquale.				
	RP-14 14/01/2002	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	RP-16 03/07/2002	4 . 2 . 0		<a href="#">get it</a>					
<hr/>									
<b>TR 25.943</b>	<b>Deployment aspects</b>								
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SKÖLD, Johan	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> RP-12		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								
	R4-09	0 . 0 . 1			<i>remarks - general:</i>				
	R4-11	0 . 1 . 0			<i>remarks - this release:</i>				
	RP-08 23/06/2000	2 . 0 . 0		<a href="#">get it</a>					
	RP-12	2 . 1 . 0	RP-010437	<a href="#">get it</a>					
	RP-12 29/06/2001	4 . 0 . 0		<a href="#">get it</a>					
	RP-14 16/01/2002	4 . 1 . 0		<a href="#">get it</a>					
	RP-16 03/07/2002	4 . 2 . 0		<a href="#">get it</a>					
<hr/>									
<b>TR 25.944</b>	<b>Channel coding and multiplexing examples</b>								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation				
	<i>freeze_meeting:</i> SP-11		G: U: yes	MCC: SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	RP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Created Jan 2000 (aka R1.04)				
	edito 10/04/2001	4 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.				
	RP-12 28/06/2001	4 . 1 . 0		<a href="#">get it</a>					

---

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



# 3GPP specification status

Page 303

04 December 2003 12:01:21

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TR 25.954 Migration to modification procedure**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
RP-11 06/04/2001 4 . 0 . 0

*WG (prime / other):* R3 / - *rapporteur:* YOSHIMURA, Takayuki Vodafone K.K.  
*G:* *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*  
*remarks - this release:* RP-15: No upgrade to Rel-5.

---

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

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* RP-11  
*history (event, available, version, comments):*  
RP-11 10/04/2001 4 . 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 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
RP-18 13/01/2003 4 . 0 . 0 Back creation from Rel-6 version

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

[get it](#) *remarks - general:*  
*remarks - this release:* Pointer to latest release version.

---

Rel-4 **26** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](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, comments):*  
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:*

---

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



# 3GPP specification status

Page 304

04 December 2003 12:01:21

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

<b>TS 26.073</b>	<b>AMR speech Codec; C-source code</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, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-14 09/01/2002 4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>						
<b>TS 26.074</b>	<b>AMR speech Codec; Test sequences</b>					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
	corected tests 04/07/2001 4 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>						
<b>TS 26.077</b>	<b>Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (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 S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 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, comments):</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, comments):</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>		

---

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

# 3GPP specification status

Page 305

04 December 2003 12:01:22

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

<b>TS 26.092</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, comments):</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, comments):</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>
<hr/>						
<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 S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 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, comments):</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>Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
	SP-19 04/04/2003 4 . 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 access.

# 3GPP specification status

Page 306

04 December 2003 12:01:22

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

<b>TS 26.103</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, comments):</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>				
<hr/>						
<b>TS 26.104</b>	<b>ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec</b>					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-10 21/12/2000 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>			
	bug fix 29/06/2001 4 . 1 . 1	<a href="#">get it</a>				
	SP-13 02/10/2001 4 . 2 . 0	<a href="#">get it</a>				
	SP-15 28/03/2002 4 . 3 . 0	<a href="#">get it</a>				
	SP-19 04/04/2003 4 . 4 . 0	<a href="#">get it</a>				
	SP-20 25/06/2003 4 . 5 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 26.110</b>	<b>Codec for circuit switched multimedia telephony service; General description</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry	TOSHIBA CO		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-09 10/10/2000 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>			
<hr/>						
<b>TS 26.111</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry	TOSHIBA CO		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> CR at TSG#5			
			<i>remarks - this release:</i>			

---

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

# 3GPP specification status

Page 307

04 December 2003 12:01:22

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

<b>TS 26.115</b>	<b>Echo control for speech and multi-media services</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> Derived from 26.914 R99.			
<hr/>						
<b>TS 26.131</b>	<b>Terminal acoustic characteristics for telephony; Requirements</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian		TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-13 02/10/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-17 24/09/2002 4 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 26.132</b>	<b>Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian		TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-13 02/10/2001 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>				
	SP-17 24/09/2002 4 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 26.233</b>	<b>End-to-end transparent streaming service; General description</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 02/11/2000 0 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-10 21/12/2000 1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	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>				

---

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

# 3GPP specification status

Page 308

04 December 2003 12:01:23

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

<b>TS 26.234</b>	<b>Transparent end-to-end streaming service; Protocols and codecs</b>					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 19/10/2000 0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>			
	draft 26/10/2000 0 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i>			
	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>				
	SP-18 03/01/2003 4 . 5 . 0	<a href="#">get it</a>				
<hr/>						
<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, comments):</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>				
<hr/>						
<b>TR 26.911</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-10 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>			
	SP-19 04/04/2003 4 . 2 . 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>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 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?			

---

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

# 3GPP specification status

Page 309

04 December 2003 12:01:23

ACTIVE specs 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 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.  
SP-13 02/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

---

**TR 26.978 Results of the AMR noise suppression selection phase**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Replaces 26.078  
*remarks - this release:* Replaces 26.078

---

Rel-4 **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

---

**TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**  
Rel-4 *current version:* 4.11.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
NP-08 28/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-09 23/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-10 04/01/2001 4 . 2 . 0 [get it](#)  
NP-11 05/04/2001 4 . 3 . 0 [get it](#)  
NP-12 04/07/2001 4 . 4 . 0 [get it](#)  
NP-13 10/10/2001 4 . 5 . 0 [get it](#)  
NP-14 11/01/2002 4 . 6 . 0 [get it](#)  
NP-15 20/03/2002 4 . 7 . 0 [get it](#)  
NP-17 17/09/2002 4 . 8 . 0 [get it](#)  
NP-19 27/03/2003 4 . 9 . 0 [get it](#)  
NP-20 25/06/2003 4 . 10 . 0 [get it](#)  
NP-21 01/10/2003 4 . 11 . 0 [get it](#)

---

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

# 3GPP specification status

Page 310

04 December 2003 12:01:23

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
NP-09 (probably) 12/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
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 Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
TP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
TP-13 04/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
TP-16 25/06/2002 4 . 2 . 0 [get it](#)

---

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
TP-09 11/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
TP-11 11/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
TP-12 04/07/2001 4 . 2 . 0 [get it](#)  
TP-14 15/01/2002 4 . 3 . 0 [get it](#)  
TP-15 04/04/2002 4 . 4 . 0 [get it](#)  
TP-18 20/12/2002 4 . 5 . 0 [get it](#)  
TP-19 31/03/2003 4 . 6 . 0 [get it](#)

---

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

# 3GPP specification status

Page 311

04 December 2003 12:01:24

ACTIVE specs 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 27.010 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, comments):*  
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:* 4.3.1 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
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](#)  
NP-20 23/06/2003 4 . 3 . 0 [get it](#)  
edito post NP-20: 01/07/2003 4 . 3 . 1 [get it](#)  
corrects typo  
(wrong version no.  
on cover)

---

## TS 27.103 Wide Area Network Synchronization

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T2 / - *rapporteur:* CHAU, Alan NOKIA UK Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
TP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

## TR 27.901 Report on Terminal Interfaces - An Overview

Rel-4 *current version:* 4.1.0 *WG (prime / other):* T2 / - *rapporteur:* REX, Thomas ERICSSON MOBILE COMMUNICATIONS AB  
*freeze\_meeting:* SP-11 *G: U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
TP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
TP-15 26/03/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

---

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



# 3GPP specification status

Page 312

04 December 2003 12:01:24

ACTIVE specs Rel-4 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

---

## TR 27.903 Discussion of synchronization standards

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
TP-11 02/04/2001 4 . 0 . 0

*WG (prime / other):* T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.  
*G:* U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*  
*remarks - this release:* TP-15: Not to be promoted to Rel-5.

---

Rel-4 28 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

---

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

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
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  
SP-18 03/01/2003 4 . 5 . 0

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

[get it](#) *remarks - general:* Transfer>TSG#4  
[get it](#) *remarks - this release:* TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

Rel-4 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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 313

04 December 2003 12:01:24

ACTIVE specs 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:* 4.13.0

*freeze\_meeting:* SP-11

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

*history (event, available, version, comments):*

NP-08	23/06/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
edito	04/08/2000	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>
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>	
NP-18	09/01/2003	4 . 10 . 0	<a href="#">get it</a>	
NP-19	04/04/2003	4 . 11 . 0	<a href="#">get it</a>	
NP-20	04/07/2003	4 . 12 . 0	<a href="#">get it</a>	delayed availability due to complexity of changes
NP-21	09/10/2003	4 . 13 . 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 Network

Rel-4 *current version:* 4.9.0

*freeze\_meeting:* SP-11

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

*history (event, available, version, comments):*

NP-09	12/10/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-10	04/01/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
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>	
NP-18	09/01/2003	4 . 6 . 0	<a href="#">get it</a>	
NP-19	27/03/2003	4 . 7 . 0	<a href="#">get it</a>	
NP-20	23/06/2003	4 . 8 . 0	<a href="#">get it</a>	
NP-21	01/10/2003	4 . 9 . 0	<a href="#">get it</a>	

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

# 3GPP specification status

Page 314

04 December 2003 12:01:25

ACTIVE specs Rel-4 29 .- series  
Server location: [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	<i>current version:</i> <b>Procedures and the Mobile Application Part (MAP)</b>	4.6.0WG ( <i>prime / other</i> ):	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo			
	TeliaSonera AB								
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>								
	NP-11 30/03/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4 (transfer??)			
	NP-12 06/07/2001 4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>				
	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>					
	NP-18 07/01/2003 4 . 5 . 0			<a href="#">get it</a>					
	NP-20 27/06/2003 4 . 6 . 0			<a href="#">get it</a>					
<hr/>									
<b>TS 29.011</b>	<b>Signalling Interworking for Supplementary Services</b>								
Rel-4	<i>current version:</i> 4.0.1	WG ( <i>prime / other</i> ):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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>				
<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-4	<i>current version:</i> 4.0.1	WG ( <i>prime / other</i> ):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>								
	NP-11 04/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4			
	update references 24/06/2002 4 . 0 . 1			<a href="#">get it</a>	<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-4	<i>current version:</i> 4.1.0	WG ( <i>prime / other</i> ):	N1	/-	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		MCC:	JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>								
	NP-11 06/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>				
	NP-16 26/06/2002 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 access.

# 3GPP specification status

Page 315

04 December 2003 12:01:25

ACTIVE specs 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 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification**  
Rel-4 *current version:* 4.5.0 *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, comments):*

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>	
NP-21	10/10/2003	4 . 5 . 0	<a href="#">get it</a>	

---

**TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface**  
Rel-4 *current version:* 4.9.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-11	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>	
NP-18	07/01/2003	4 . 6 . 0	<a href="#">get it</a>	
NP-19	04/04/2003	4 . 7 . 0	<a href="#">get it</a>	
NP-20	27/06/2003	4 . 8 . 0	<a href="#">get it</a>	
NP-21	09/10/2003	4 . 9 . 0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 316

04 December 2003 12:01:25

ACTIVE specs Rel-4 29 .- series  
Server location: [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-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	NP-11 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 Public		
	NP-12 28/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> 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>			
	NP-18 09/01/2003 4 . 6 . 0	<a href="#">get it</a>			
	NP-19 27/03/2003 4 . 7 . 0	<a href="#">get it</a>			
	NP-20 23/06/2003 4 . 8 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 29.078</b>	<b>customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification</b>				
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	NP-11 29/03/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
	NP-12 03/07/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> 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>			
	NP-18 18/12/2002 4 . 7 . 0	<a href="#">get it</a>			
	NP-19 25/03/2003 4 . 8 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 29.108</b>	<b>Application of the Radio Access Network Application Part (RANAP) on the E-interface</b>				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>				
	RP-11 06/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8:Appeared as v2.0.0 (RP-000258)		
	RP-13 12/10/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	RP-16 28/06/2002 4 . 2 . 0	<a href="#">get it</a>			
	RP-18 03/01/2003 4 . 3 . 0	<a href="#">get it</a>			
	RP-19 26/03/2003 4 . 4 . 0	<a href="#">get it</a>			

---

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

# 3GPP specification status

Page 317

04 December 2003 12:01:26

ACTIVE specs 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 29.119 GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)

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, comments):*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* New after TSG#5  
*remarks - this release:*

---

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

Rel-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, comments):*  
NP-09 25/10/2000 4 . 0 . 0 [get it](#) *remarks - general:* New after TSG#5  
*remarks - this release:*

---

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

Rel-4 *current version:* 4.3.3 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
NP-11 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](#)  
edito (references 31/03/2003 4 . 3 . 2 [get it](#)  
etc)  
edito 18/06/2003 4 . 3 . 3 [get it](#) Introduction - update of table explaining  
how the various releases of ETSI, Parlay  
and 3GPP OSA specifications  
correspond; References

---

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

# 3GPP specification status

Page 318

04 December 2003 12:01:26

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

Rel-4      *current version:* 4.6.0      *WG (prime / other):* N5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-11      *G:*      *U:* yes      *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-11	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-19	31/03/2003	4 . 5 . 0	<a href="#">get it</a>	
NP-20	18/06/2003	4 . 6 . 0	<a href="#">get it</a>	

---

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

Rel-4      *current version:* 4.8.0      *WG (prime / other):* N5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-11      *G:*      *U:* yes      *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

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-16	05/07/2002	4 . 5 . 0	<a href="#">get it</a>	
NP-17	01/10/2002	4 . 6 . 0	<a href="#">get it</a>	
NP-19	31/03/2003	4 . 7 . 0	<a href="#">get it</a>	
NP-20	18/06/2003	4 . 8 . 0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 319

04 December 2003 12:01:26

ACTIVE specs 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 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.

*freeze\_meeting:* SP-11

*G:* *U:* yes

*MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-11		1	.	0	.	0
edito	27/03/2001	1	.	0	.	1
NP-12		2	.	0	.	0
NP-12	29/06/2001	4	.	0	.	0
NP-13	12/10/2001	4	.	1	.	0
NP-14	08/01/2002	4	.	2	.	0
NP-15	20/03/2002	4	.	3	.	0
NP-16	05/07/2002	4	.	4	.	0
NP-17	01/10/2002	4	.	5	.	0
NP-19	31/03/2003	4	.	6	.	0
NP-20	18/06/2003	4	.	7	.	0

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.

*freeze\_meeting:* NP-11

*G:* *U:* yes

*MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-11	27/03/2001	4	.	0	.	0
NP-12	29/06/2001	4	.	1	.	0
NP-13	08/10/2001	4	.	2	.	0
NP-14	08/01/2002	4	.	3	.	0
NP-15	20/03/2002	4	.	4	.	0
NP-17	01/10/2002	4	.	5	.	0
NP-19	31/03/2003	4	.	6	.	0
NP-20	18/06/2003	4	.	7	.	0

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



# 3GPP specification status

Page 320

04 December 2003 12:01:27

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-11	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>	
NP-19	31/03/2003	4 . 5 . 0	<a href="#">get it</a>	

---

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-11	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-19	31/03/2003	4 . 5 . 0	<a href="#">get it</a>	

---

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

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>	
NP-19	31/03/2003	4 . 6 . 0	<a href="#">get it</a>	
NP-20	18/06/2003	4 . 7 . 0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 321

04 December 2003 12:01:27

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-11		1	.	0	.	0		<i>remarks - general:</i>
edito	27/03/2001	1	.	0	.	1		<i>remarks - this release:</i>
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>	
NP-19	31/03/2003	4	.	4	.	0	<a href="#">get it</a>	

---

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-11		1	.	0	.	0		<i>remarks - general:</i>
edito	27/03/2001	1	.	0	.	1	<a href="#">get it</a>	<i>remarks - this release:</i>
NP-12	29/06/2001	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>	
NP-19	31/03/2003	4	.	4	.	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:* 4.3.0 *WG (prime / other):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-11	02/04/2001	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
edito	09/05/2001	4	.	0	.	1	<a href="#">get it</a>	<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>	
NP-18	07/01/2003	4	.	3	.	0	<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 322

04 December 2003 12:01:28

ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

<b>TS 29.205</b>	<b>Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3</b>				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> HEIDERMARK, Alf	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</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>		
<hr/>					
<b>TS 29.232</b>	<b>Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3</b>				
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: KYMALAINEN, Kimmo	Chalmers	
<i>history (event, available, version, comments):</i>					
	NP-10 12/01/2001	1 . 0 . 0	NP-000652	<a href="#">get it</a>	<i>remarks - general:</i> Additional rapporteur: Laura.Pomponi@CSELT.IT
	NP-11 30/03/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	NP-12 04/07/2001	4 . 1 . 0	<a href="#">get it</a>		
	NP-13 05/10/2001	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-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>		
	NP-18 07/01/2003	4 . 7 . 0	<a href="#">get it</a>		
	NP-20 27/06/2003	4 . 8 . 0	<a href="#">get it</a>		
<hr/>					
<b>TS 29.414</b>	<b>Core network Nb data transport and transport signalling</b>				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BELLING, Thomas	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: BOSWARTHICK, David		
<i>history (event, available, version, comments):</i>					
	NP-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	NP-12 28/06/2001	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-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 access.

# 3GPP specification status

Page 323

04 December 2003 12:01:28

ACTIVE specs 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 29.415 Core network Nb interface user plane protocols

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
NP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-13 03/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-14 11/01/2002 4 . 2 . 0 [get it](#)  
NP-19 27/03/2003 4 . 3 . 0 [get it](#)

---

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N1 / RP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan Skov  
*history (event, available, version, comments):*  
NP-16 26/06/2002 4 . 0 . 0 [get it](#) *remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to  
edito post NP-18 16/12/2002 4 . 0 . 1 [get it](#) *remarks - this release:* . latest Release version.  
minor editorials to change style from TS to TR.

---

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-13 05/10/2001 4 . 2 . 0 [get it](#)

---

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

# 3GPP specification status

Page 324

04 December 2003 12:01:28

ACTIVE specs Rel-4 29 .- series  
Server location: [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-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
NP-11 02/04/2001 4 . 0 . 0

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

---

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
NP-11 26/03/2001 1 . 0 . 0  
edito 02/04/2001 1 . 0 . 1  
NP-12 2 . 0 . 0  
NP-12 29/06/2001 4 . 0 . 0

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

[get it](#)

---

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
NP-11 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:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
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)

---

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

# 3GPP specification status

Page 325

04 December 2003 12:01:29

ACTIVE specs 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 30.902 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-4 *current version:* 4.0.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-19 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-19 07/04/2003 4 . 0 . 2 Technically identical to 30.002 v4.0.1. [get it](#) *remarks - general:* NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG 3.0x  
*remarks - this release:* . series.

---

Rel-4 **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-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie Indicate persons who left Company and wait for new One  
*freeze\_meeting:* TP-21 *G:* yes *U:* yes *MCC:* DIETZE, Claus  
*history (event, available, version, comments):*  
*remarks - general:* Test spec for 23.048.  
*remarks - this release:*

---

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* DIETZE, Claus  
*history (event, available, version, comments):*  
TP-11 09/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.  
TP-18 02/01/2003 4 . 1 . 0 [get it](#) *remarks - this release:*

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

# 3GPP specification status

Page 326

04 December 2003 12:01:29

ACTIVE specs Rel-4 31 .- series  
Server location: [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:* 4.10.0

*freeze\_meeting:* SP-11

*WG (prime / other):* T3 / - *rapporteur:* HEIM, Christian

GIESECKE & DEVRIENT GmbH

*G:* *U:* yes

*MCC:* DIETZE, Claus

*history (event, available, version, comments):*

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
TP-18	02/01/2003	4	.	7	.	0
TP-19	01/04/2003	4	.	8	.	0
TP-20	23/06/2003	4	.	9	.	0
TP-21	30/09/2003	4	.	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 31.110 Numbering system for telecommunication IC card applications

Rel-4 *current version:* 4.1.0

*freeze\_meeting:* SP-11

*WG (prime / other):* T3 / - *rapporteur:* DIETRICH, Christian

SchlumbergerSema - Schlumberger Systèmes S.A

*G:* *U:* yes

*MCC:* DIETZE, Claus

*history (event, available, version, comments):*

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	

[get it](#) *remarks - general:* Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May 2001: *remarks - this release:* Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.

[get it](#)

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

# 3GPP specification status

Page 327

04 December 2003 12:01:29

ACTIVE specs Rel-4 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

---

## TS 31.111 Universal Subscriber Identity Module Application Toolkit (USAT)

Rel-4 *current version:* 4.11.0 *WG (prime / other):* T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-11 One

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

*history (event, available, version, comments):*

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
TP-18	02/01/2003	4	.	9	.	0
TP-19	04/04/2003	4	.	10	.	0
TP-21	29/09/2003	4	.	11	.	0

[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](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## 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 Test Systems Gmbh  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

*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; Universal Subscriber Identity Module (USIM) application test specification

Rel-4 *current version:* 4.6.0 *WG (prime / other):* T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

TP-12	06/07/2001	4	.	0	.	0
TP-16	19/06/2002	4	.	1	.	0
TP-17	18/09/2002	4	.	2	.	0
TP-18	02/01/2003	4	.	3	.	0
TP-19	26/03/2003	4	.	4	.	0
TP-20	23/06/2003	4	.	5	.	0
TP-21	29/09/2003	4	.	6	.	0

[get it](#)

*remarks - general:* based on R99 core spec; split into 2 parts (this is 2)

*remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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



# 3GPP specification status

Page 328

04 December 2003 12:01:30

ACTIVE specs Rel-4 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

---

## TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* DIETZE, Claus  
*history (event, available, version, comments):*

*remarks - general:* based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was split  
*remarks - this release:* 2003-07-15 (Dietze): will not progress to Rel-5, since no SIM device beyond Rel-4.  
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, comments):*

SP-11	28/03/2001	4	.	0	.	0
edito	11/04/2001	4	.	0	.	1
SP-12	03/07/2001	4	.	1	.	0
SP-13	05/10/2001	4	.	2	.	0
edito	26/03/2002	4	.	2	.	1

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

---

## TS 32.102 Telecommunication management; Architecture

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-11	28/03/2001	4	.	0	.	0
SP-12	03/07/2001	4	.	1	.	0
SP-13	05/10/2001	4	.	2	.	0
SP-19	31/03/2003	4	.	3	.	0
SP-21	03/10/2003	4	.	4	.	0

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

---

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

# 3GPP specification status

Page 329

04 December 2003 12:01:30

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts  
edito (layout and 07/01/2003 4 . 0 . 1 [get it](#) *remarks - this release:*  
references)

---

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts  
SP-13 05/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-14 11/01/2002 4 . 2 . 0 [get it](#)  
SP-15 26/03/2002 4 . 3 . 0 [get it](#)  
SP-17 18/09/2002 4 . 4 . 0 [get it](#)  
SP-18 09/01/2003 4 . 5 . 0 [get it](#)  
SP-19 31/03/2003 4 . 6 . 0 [get it](#)

---

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts  
SP-13 05/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-15 26/03/2002 4 . 2 . 0 [get it](#)  
SP-16 20/06/2002 4 . 3 . 0 [get it](#)  
SP-17 20/09/2002 4 . 4 . 0 [get it](#)  
SP-18 09/01/2003 4 . 5 . 0 [get it](#)  
SP-19 01/04/2003 4 . 6 . 0 [get it](#)

---

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

# 3GPP specification status

Page 330

04 December 2003 12:01:30

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-13	05/10/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts
SP-14	11/01/2002	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
SP-15	26/03/2002	4 . 2 . 0	<a href="#">get it</a>	
SP-16	20/06/2002	4 . 3 . 0	<a href="#">get it</a>	
SP-18	09/01/2003	4 . 4 . 0	<a href="#">get it</a>	
SP-19	01/04/2003	4 . 5 . 0	<a href="#">get it</a>	
SP-21	02/10/2003	4 . 6 . 0	<a href="#">get it</a>	

---

## TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / - *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-14 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-12	18/06/2001	1 . 0 . 1	SP-010236	<a href="#">get it</a>	<i>remarks - general:</i>
SP-13	01/10/2001	2 . 0 . 0	SP-010464	<a href="#">get it</a>	<i>remarks - this release:</i> Had been indicated as approved at SP-12, but this was erroneous.
SP-13	05/10/2001	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-18	06/01/2003	4 . 3 . 0		<a href="#">get it</a>	
SP-19	02/04/2003	4 . 4 . 0		<a href="#">get it</a>	
SP-21	02/10/2003	4 . 5 . 0		<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 331

04 December 2003 12:01:30

ACTIVE specs 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 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-11	29/03/2001	1	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
SP-12	18/06/2001	1	.	1	.	1	SP-010236	<a href="#">get it</a>	<i>remarks - this release:</i>
SP-13	26/09/2001	2	.	0	.	0	SP-010464	<a href="#">get it</a>	
SP-13	09/10/2001	4	.	0	.	0		<a href="#">get it</a>	
SP-15	26/03/2002	4	.	1	.	0		<a href="#">get it</a>	
edito post SP-15	27/03/2002	4	.	1	.	1		<a href="#">get it</a>	
SP-16	20/06/2002	4	.	2	.	0		<a href="#">get it</a>	
SP-18	09/01/2003	4	.	3	.	0		<a href="#">get it</a>	
SP-19	02/04/2003	4	.	4	.	0		<a href="#">get it</a>	
SP-21	02/10/2003	4	.	5	.	0		<a href="#">get it</a>	

---

## TS 32.215 Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-12	18/06/2001	1	.	0	.	1	SP-010236	<a href="#">get it</a>	<i>remarks - general:</i>
SP-13	01/10/2001	2	.	0	.	0	SP-010464	<a href="#">get it</a>	<i>remarks - this release:</i>
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>	
SP-18	09/01/2003	4	.	4	.	0		<a href="#">get it</a>	
SP-21	02/10/2003	4	.	5	.	0		<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 332

04 December 2003 12:01:31

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.235</b>	<b>Telecommunication management; Charging management; Charging data description for application services</b>						
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	SP-12	18/06/2001	1 . 0 . 1	SP-010236	<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-13	01/10/2001	2 . 0 . 0	SP-010464	<a href="#">get it</a>	<i>remarks - this release:</i>	.
	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>		
	SP-18	07/01/2003	4 . 4 . 0		<a href="#">get it</a>		
	SP-19	02/04/2003	4 . 5 . 0		<a href="#">get it</a>		
	SP-20	09/06/2003	4 . 6 . 0		<a href="#">get it</a>		

---

<b>TS 32.300</b>	<b>Telecommunication management; Configuration Management (CM); Name convention for Managed Objects</b>						
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	SP-12	18/06/2001	2 . 0 . 0	SP-010283	<a href="#">get it</a>	<i>remarks - general:</i>	Replaces 32.106-8 (pars)
	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>		
	edito post SP-18	13/01/2003	4 . 1 . 1		<a href="#">get it</a>		

---

<b>TS 32.301</b>	<b>Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements</b>						
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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>		
	edito post SP-18	13/01/2003	4 . 0 . 2		<a href="#">get it</a>		

---

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

# 3GPP specification status

Page 333

04 December 2003 12:01:31

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.302</b>	<b>Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service</b>			
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-12	21/06/2001	2 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.301-2
	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>
edito post	SP-18	13/01/2003	4 . 1 . 1	<a href="#">get it</a>
	SP-20	27/06/2003	4 . 2 . 0	<a href="#">get it</a>

---

<b>TS 32.303</b>	<b>Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution</b>			
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-12	21/06/2001	2 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.301-3
	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	26/03/2002	4 . 2 . 0	<a href="#">get it</a>
	SP-17	19/09/2002	4 . 3 . 0	<a href="#">get it</a>
edito post	SP-17	01/10/2002	4 . 3 . 1	<a href="#">get it</a>
edito post	SP-18	13/01/2003	4 . 3 . 2	<a href="#">get it</a>
	SP-19	31/03/2003	4 . 4 . 0	<a href="#">get it</a>
	SP-21	01/10/2003	4 . 5 . 0	<a href="#">get it</a>

---

<b>TS 32.304</b>	<b>Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set</b>			
Rel-4	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-12	21/06/2001	2 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.301-4
	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-15	26/03/2002	4 . 2 . 0	<a href="#">get it</a>
edito post	SP-18	13/01/2003	4 . 2 . 1	<a href="#">get it</a>

---

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

# 3GPP specification status

Page 334

04 December 2003 12:01:32

ACTIVE specs 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 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements**  
Rel-4 *current version:* 4.0.2 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-12 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](#)  
edito post SP-18 13/01/2003 4 . 0 . 2 [get it](#)

---

**TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information service**  
Rel-4 *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, comments):*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.112-2  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
edito post SP-18 13/01/2003 4 . 0 . 1 [get it](#)

---

**TS 32.401 Telecommunication management; Performance Management (PM); Concept and requirements**  
Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson  
*freeze\_meeting:* SP-13 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
SP-12 20/06/2001 1 . 0 . 0 [get it](#) *remarks - general:* was 32.104 (pars)  
edito 27/06/2001 1 . 0 . 1 [get it](#) *remarks - this release:* .  
SP-13 11/10/2001 2 . 0 . 0 SP-010467 [get it](#)  
SP-13 05/10/2001 4 . 0 . 0 [get it](#)  
SP-14 11/01/2002 4 . 1 . 0 [get it](#)  
SP-17 18/09/2002 4 . 2 . 0 [get it](#)  
SP-20 27/06/2003 4 . 3 . 0 [get it](#)

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

# 3GPP specification status

Page 335

04 December 2003 12:01:32

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<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> 4.5.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
	SP-12 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>		
	SP-19 31/03/2003	4 . 3 . 0	<a href="#">get it</a>		
	SP-20 27/06/2003	4 . 4 . 0	<a href="#">get it</a>		
	SP-21 15/10/2003	4 . 5 . 0	<a href="#">get it</a>		

---

<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> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
	SP-12 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>	.

---

<b>TS 32.601</b>	<b>Telecommunication management; Configuration Management (CM); Basic Configuration Management (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, comments):</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>	.

---

<b>TS 32.602</b>	<b>Telecommunication management; Configuration Management (CM); Basic CM 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> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
	SP-12 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>		

---

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



# 3GPP specification status

Page 336

04 December 2003 12:01:32

ACTIVE specs 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 32.603 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set**

Rel-4 *current version:* 4.3.1 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated

*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.601-3

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 27/03/2002 4 . 2 . 0 [get it](#)

SP-16 20/06/2002 4 . 3 . 0 [get it](#)

post SP-16 04/07/2002 4 . 3 . 1 [get it](#)

correction of cover  
page

---

**TS 32.604 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG

*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.601-4

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](#)

---

**TS 32.611 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND

*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.602-1

SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

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

# 3GPP specification status

Page 337

04 December 2003 12:01:33

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<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> 4.4.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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>			
	SP-18 07/01/2003 4 . 4 . 0	<a href="#">get it</a>			

---

<b>TS 32.613</b>	<b>Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set</b>				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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>			
	SP-18 07/01/2003 4 . 4 . 0	<a href="#">get it</a>			

---

<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> 4.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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>			
	SP-18 07/01/2003 4 . 3 . 0	<a href="#">get it</a>			

---

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

# 3GPP specification status

Page 338

04 December 2003 12:01:33

ACTIVE specs 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 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition**

Rel-4 *current version:* 4.3.1 *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-12	21/06/2001	2	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> was 32.602-5
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-15	27/03/2002	4	.	2	.	0	<a href="#">get it</a>
SP-20	27/06/2003	4	.	3	.	0	<a href="#">get it</a>

Adds XML file with reference from document 17/10/2003 4 . 3 . 1 XML in separate file, added 2003-07-03 [get it](#)

---

**TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-12	21/06/2001	2	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> was 32.620-1
SP-12	03/07/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - this release:</i> .

---

**TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-12	21/06/2001	2	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> was 32.620-2
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>
SP-15	27/03/2002	4	.	2	.	0	<a href="#">get it</a>
SP-16	28/06/2002	4	.	3	.	0	<a href="#">get it</a>
SP-20	27/06/2003	4	.	4	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 339

04 December 2003 12:01:33

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.623</b>	<b>Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture</b>						
Rel-4	current version: (CORBA) solution set	4.3.0	WG (prime / other):	S5	/-	rporteur:	PIRT, Trevor
MOTOROLA Ltd							
	freeze_meeting: SP-12		G: yes	U: yes		MCC:	ZOICAS, Adrian
	history (event, available, version, comments):						
	SP-12	21/06/2001	2	.	0	.	0
	SP-12	03/07/2001	4	.	0	.	0
	SP-13	05/10/2001	4	.	1	.	0
	SP-14	11/01/2002	4	.	2	.	0
	SP-19	31/03/2003	4	.	3	.	0
				<a href="#">get it</a>	remarks - general:	was 32.620-3	
				<a href="#">get it</a>	remarks - this release:	.	
				<a href="#">get it</a>			
				<a href="#">get it</a>			

---

<b>TS 32.624</b>	<b>Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol</b>						
Rel-4	current version: (CMIP) solution set	4.5.0	WG (prime / other):	S5	/-	rporteur:	POLLAKOWSKI, Olaf
SIEMENS AG							
	freeze_meeting: SP-12		G: yes	U: yes		MCC:	ZOICAS, Adrian
	history (event, available, version, comments):						
	SP-12	21/06/2001	2	.	0	.	0
	SP-12	04/07/2001	4	.	0	.	0
	SP-13	05/10/2001	4	.	1	.	0
	SP-14	11/01/2002	4	.	2	.	0
	SP-15	27/03/2002	4	.	3	.	0
	SP-16	28/06/2002	4	.	4	.	0
	SP-21	02/10/2003	4	.	5	.	0
				<a href="#">get it</a>	remarks - general:	was 32.620-4	
				<a href="#">get it</a>	remarks - this release:	.	
				<a href="#">get it</a>			
				<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	current version: 4.0.0	WG (prime / other):	S5	/-	rporteur:	PIRT, Trevor	MOTOROLA Ltd
	freeze_meeting: SP-12	G:	U: yes		MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):						
	SP-12	21/06/2001	2	.	0	.	0
	SP-12	03/07/2001	4	.	0	.	0
				<a href="#">get it</a>	remarks - general:	was 32.621-1	
				<a href="#">get it</a>	remarks - this release:	.	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 340

04 December 2003 12:01:34

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<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> 4.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
	SP-12	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>
	SP-19	01/04/2003	4 . 3 . 0	<a href="#">get it</a>
	SP-21	15/10/2003	4 . 4 . 0	<a href="#">get it</a>

---

<b>TS 32.633</b>	<b>Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture</b>					
Rel-4	<i>current version:</i> (CORBA) solution set	4.1.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> PAL, Tapinder	T-
MOBILE DEUTSCHLAND						
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version, comments):</i>						
	SP-12	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>		

---

<b>TS 32.634</b>	<b>Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)</b>					
Rel-4	<i>current version:</i> solution set	4.1.1	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf	
SIEMENS AG						
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version, comments):</i>						
	SP-12	21/06/2001	2 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.621-4		
	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>		
	edito after SP-17	18/09/2002	4 . 1 . 1	<a href="#">get it</a>		

---

<b>TS 32.641</b>	<b>Telecommunication management; Configuration Management (CM); UTRAN 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	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
	SP-12	21/06/2001	2 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.622-1
	SP-12	03/07/2001	4 . 0 . 0	<a href="#">get it</a> <i>remarks - this release:</i> .

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 341

04 December 2003 12:01:34

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.642</b>	<b>Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)</b>			
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.622-2
	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>	
	SP-17 27/09/2002	4 . 2 . 0	<a href="#">get it</a>	
	SP-20 26/06/2003	4 . 3 . 0	<a href="#">get it</a>	

---

<b>TS 32.643</b>	<b>Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture</b>			
Rel-4	<i>current version:</i> <b>(CORBA) solution set</b>	4.2.0	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> RAYMER, David
	Motorola Inc.			
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.622-3
	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-20 27/06/2003	4 . 2 . 0	<a href="#">get it</a>	

---

<b>TS 32.644</b>	<b>Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)</b>			
Rel-4	<i>current version:</i> <b>solution set</b>	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>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.622-4
	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>	
	edito post SP-17 18/09/2002	4 . 1 . 1	<a href="#">get it</a>	
	SP-20 26/06/2003	4 . 2 . 0	<a href="#">get it</a>	

---

<b>TS 32.651</b>	<b>Telecommunication management; Configuration Management (CM); GERAN 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	<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.623-1
	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 access.

# 3GPP specification status

Page 342

04 December 2003 12:01:34

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.652</b>	<b>Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)</b>			
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.623-2
	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>	
	SP-14 11/01/2002	4 . 2 . 0	<a href="#">get it</a>	
	SP-16 28/06/2002	4 . 3 . 0	<a href="#">get it</a>	
	SP-17 27/09/2002	4 . 4 . 0	<a href="#">get it</a>	
	SP-20 26/06/2003	4 . 5 . 0	<a href="#">get it</a>	

---

<b>TS 32.653</b>	<b>Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture</b>				
Rel-4	<i>current version:</i> (CORBA) solution set	4.2.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> RAYMER, David
	Motorola Inc.				
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>				
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.623-3	
	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-20 27/06/2003	4 . 2 . 0	<a href="#">get it</a>		

---

<b>TS 32.654</b>	<b>Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)</b>				
Rel-4	<i>current version:</i> solution set	4.2.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf
	SIEMENS AG				
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>				
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.623-4	
	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-20 27/06/2003	4 . 2 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 343

04 December 2003 12:01:35

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

## 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, comments):*

draft	31/10/2000	0	.	0	.	1	<a href="#">get it</a>	<i>remarks - general:</i>
draft	17/01/2001	0	.	0	.	3	<a href="#">get it</a>	<i>remarks - this release:</i> .
SP-12	18/06/2001	1	.	0	.	0	<a href="#">get it</a>	
SP-12	03/07/2001	4	.	0	.	0	<a href="#">get it</a>	

NP-010239 (!)  
SP-010233 (for approval!)

---

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:* 4.5.0 *WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc Siemens nv/sa  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* POPE, Maurice

*history (event, available, version, comments):*

SP-11	30/03/2001	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
SP-12	04/07/2001	4	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
SP-13	03/10/2001	4	.	2	.	0	<a href="#">get it</a>	
SP-14	07/01/2002	4	.	3	.	0	<a href="#">get it</a>	
SP-16	19/06/2002	4	.	4	.	0	<a href="#">get it</a>	
SP-18	18/12/2002	4	.	5	.	0	<a href="#">get it</a>	

---

---

## TS 33.103 3G security; Integration guidelines

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S3 / - *rapporteur:* BLANCHARD, Colin BT Group Plc  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* POPE, Maurice

*history (event, available, version, comments):*

SP-11	11/04/2001	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
SP-12	04/07/2001	4	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.
SP-13	03/10/2001	4	.	2	.	0	<a href="#">get it</a>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 344

04 December 2003 12:01:35

ACTIVE specs Rel-4 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

<b>TS 33.105</b>	<b>Cryptographic Algorithm requirements</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-12 04/07/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
<hr/>						
<b>TS 33.106</b>	<b>Lawful interception requirements</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 33.107</b>	<b>3G security; Lawful interception architecture and functions</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-13 03/10/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	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>				
<hr/>						
<b>TS 33.120</b>	<b>Security Objectives and Principles</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-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</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.			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 345

04 December 2003 12:01:35

ACTIVE specs Rel-4 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

<b>TS 33.200</b>	<b>3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> ESCOTT, Adrian	3		
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	draft 26/06/2001	1 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>	2001-05-24: title grows MAP; see 33.210 for IP equivalent.	
	SA-12	2 . 0 . 0		<i>remarks - this release:</i>		
	SP-12 04/07/2001	4 . 0 . 0	<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	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOM, Rolf	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 03/10/2001	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.	
<hr/>						
<b>TR 33.902</b>	<b>Formal Analysis of the 3G Authentication Protocol</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> HORN, Guenther	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 03/10/2001	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.	
<hr/>						
<b>TR 33.903</b>	<b>Access Security for IP based services</b>					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
<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	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 03/10/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	TSG#7: S3-000105=NP-000049	
				<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 346

04 December 2003 12:01:36

ACTIVE specs 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 33.909 3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions**  
Rel-4 *current version:* 4.0.1 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-11 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:* 4.8.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nouhman ANRITSU LTD  
*freeze\_meeting:* SP-13 *G:* U: yes *MCC:* SULTAN, Alain  
*history (event, available, version, comments):*  
TP-13 08/10/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
TP-14 09/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*  
TP-15 20/03/2002 4 . 2 . 0 [get it](#)  
edito post TP-15 26/03/2002 4 . 2 . 1 [get it](#)  
TP-16 17/06/2002 4 . 3 . 0 [get it](#)  
TP-17 11/09/2002 4 . 4 . 0 [get it](#)  
TP-18 18/12/2002 4 . 5 . 0 [get it](#)  
TP-19 24/03/2003 4 . 6 . 0 [get it](#)  
TP-20 18/06/2003 4 . 7 . 0 [get it](#)  
TP-21 10/10/2003 4 . 8 . 0 [get it](#)

---

**TS 34.109 Terminal logical test interface; Special conformance testing functions**  
Rel-4 *current version:* 4.5.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ARZELIER, Claude  
*history (event, available, version, comments):*  
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. TSG#9:  
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:* Stable, so txfered from T1 to R2.  
RP-15 19/03/2002 4 . 2 . 0 [get it](#)  
RP-16 17/06/2002 4 . 3 . 0 [get it](#)  
RP-18 13/01/2003 4 . 4 . 0 [get it](#)  
RP-19 25/03/2003 4 . 5 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 347

04 December 2003 12:01:36

ACTIVE specs Rel-4 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

<b>TS 34.121</b>	<b>Terminal Conformance Specification, Radio Transmission and Reception (FDD)</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	T1 / -	<i>rapporteur:</i>	HIGUCHI, Kenji	ADVANTEST Corporation			
	<i>freeze_meeting:</i> SP-13	G:	U: yes	<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version, comments):</i>								
	TP-20 17/06/2003 4 . 0 . 0					upgrade sans CR	<a href="#">get it</a>	<i>remarks - general:</i>	
	TP-21 10/10/2003 4 . 1 . 0						<a href="#">get it</a>	<i>remarks - this release:</i>	
<hr/>									
<b>TS 34.122</b>	<b>Terminal Conformance Specification, Radio Transmission and Reception (TDD)</b>								
Rel-4	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i>	T1 / -	<i>rapporteur:</i>	MAUCKSCH, Thomas	ROHDE & SCHWARZ GmbH & Co.KG			
	<i>freeze_meeting:</i> SP-13	G:	U: yes	<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version, comments):</i>								
	TP-12 03/07/2001 4 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>	
	TP-13 03/10/2001 4 . 1 . 0						<a href="#">get it</a>	<i>remarks - this release:</i>	
	TP-14 09/01/2002 4 . 2 . 0						<a href="#">get it</a>		
	TP-15 21/03/2002 4 . 3 . 0						<a href="#">get it</a>		
	TP-16 17/06/2002 4 . 4 . 0						<a href="#">get it</a>		
	TP-17 05/09/2002 4 . 5 . 0						<a href="#">get it</a>		
	TP-18 18/12/2002 4 . 6 . 0						<a href="#">get it</a>		
	TP-19 24/03/2003 4 . 7 . 0						<a href="#">get it</a>		
	TP-20 17/06/2003 4 . 8 . 0						<a href="#">get it</a>		
	TP-21 10/10/2003 4 . 9 . 0						<a href="#">get it</a>		
<hr/>									
<b>TS 34.123-1</b>	<b>User Equipment (UE) conformance specification; Part 1: Protocol conformance specification</b>								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	T1 / -	<i>rapporteur:</i>	SULTAN, Alain	SOURCE COM			
	<i>freeze_meeting:</i> SP-13	G:	U: yes	<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version, comments):</i>								
	TP-13 03/10/2001 4 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>	
	TP-14 09/01/2002 4 . 1 . 0						<a href="#">get it</a>	<i>remarks - this release:</i>	
	TP-15 20/03/2002 4 . 2 . 0						<a href="#">get it</a>		
	TP-16 19/06/2002 4 . 3 . 0						<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 348

04 December 2003 12:01:36

ACTIVE specs Rel-4 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

<b>TS 34.123-2</b>	<b>User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification</b>					
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> HU, Shicheng		ETSI Secretariat
	<i>freeze_meeting:</i> SP-13		G: U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version, comments):</i>					
	TP-13	04/10/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	TP-14	09/01/2002	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	TP-15	21/03/2002	4 . 2 . 0	<a href="#">get it</a>		
	TP-16	19/06/2002	4 . 3 . 0	<a href="#">get it</a>		
<hr/>						
<b>TS 34.123-3</b>	<b>User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)</b>					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> HU, Shicheng		ETSI Secretariat
	<i>freeze_meeting:</i> SP-13		G: U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version, comments):</i>					
	<i>remarks - general:</i>					
	<i>remarks - this release:</i>					
<hr/>						
<b>TS 34.124</b>	<b>Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment</b>					
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SOERENSEN, Ole		NOKIA Corporation
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>					
	RP-11	10/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> T1->R4@TSG#10	
	RP-18	10/01/2003	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	RP-19	04/04/2003	4 . 2 . 0	<a href="#">get it</a>		
<hr/>						
<b>TR 34.910</b>	<b>Identification of test requirements for regulatory purposes in different regions/countries</b>					
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> NIELSEN, Bjarke		QUALCOMM EUROPE S.A.R.L.
	<i>freeze_meeting:</i> SP-13		G: U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version, comments):</i>					
	TP-05	13/10/1999	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>	
	TP-10	09/01/2001	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
<hr/>						
<b>TR 34.926</b>	<b>Table of international EMC requirements</b>					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> FENN, John B		SAMSUNG Electronics Research Institute
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>					
	TP-09	06/10/2000	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Plan approved TSG#7 TP-000036). T1->R4@TSG#10	
	RP-10	09/01/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 349

04 December 2003 12:01:37

ACTIVE specs Rel-4 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

Rel-4 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-4 *current version:* 4.1.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-11 28/08/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence  
SP-14 07/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

---

**TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-11 28/08/2001 4 . 0 . 0 [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-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-11 28/08/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence  
*remarks - this release:*

---

**TS 35.204 Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-11 28/08/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 350

04 December 2003 12:01:37

ACTIVE specs Rel-4 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*; Document</b>							
Rel-4	<i>current version: 1: General</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>	G:	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</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.				
<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*; Document</b>							
Rel-4	<i>current version: 2: Algorithm specification</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>	G:	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</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*; Document</b>							
Rel-4	<i>current version: 3: Implementors' test data</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>	G:	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</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*; Document</b>							
Rel-4	<i>current version: 4: Design conformance test data</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>	G:	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</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*; Document</b>							
Rel-4	<i>current version: 5: Summary and results of design and evaluation</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>	G:	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</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)				

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 351

04 December 2003 12:01:37

ACTIVE specs Rel-4 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

---

Rel-4 41 .- series Server location: [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, comments):</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, comments):</i>						
	SP-11 10/04/2001 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, comments):</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 41.101</b>	<b>Technical Specifications and Technical Reports for a GERAN-based 3GPP system</b>						
Rel-4	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i>	SP /	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-20	<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice		
	<i>history (event, available, version, comments):</i>						
	SP-20 25/06/2003 4 . 9 . 0	Created from 41.102 v4.9.0		<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 access.



# 3GPP specification status

Page 352

04 December 2003 12:01:37

ACTIVE specs Rel-4 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

Rel-4 42 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](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	WG (prime / other):	S3 / S1 /	rapporteur:	CHRISTOFFERSSON,	Telia Promotor AB	
	freeze_meeting: SP-11		NP		Per		
	history (event, available, version, comments):	G: yes U:		MCC:	POPE, Maurice		
	SP-11 10/04/2001 4 . 0 . 0						
				<a href="#">get it</a>	remarks - general:		
					remarks - this release:	SP-15: Not to be promoted to Rel-5.	
<b>TS 42.017</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>						
Rel-4	current version: 4.0.0	WG (prime / other):	T3 / S1	rapporteur:	HOOKER, Philip	ORANGE PCS LTD	
	freeze_meeting: SP-11	G: yes U:		MCC:	DIETZE, Claus		
	history (event, available, version, comments):						
	TP-11 09/04/2001 4 . 0 . 0						
				<a href="#">get it</a>	remarks - general:		
					remarks - this release:	2003-07-15 (Dietze): will not progress to Rel-5, since no SIM device beyond Rel-4.	
<b>TS 42.019</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API); Stage 1</b>						
Rel-4	current version: 4.0.0	WG (prime / other):	T3 / -	rapporteur:	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A	
	freeze_meeting: SP-11	G: yes U:		MCC:	DIETZE, Claus		
	history (event, available, version, comments):						
	TP-12 06/07/2001 4 . 0 . 0						
				<a href="#">get it</a>	remarks - general:	TP-17: From Rel-6, transferred to ETSI TS 102 240.	
					remarks - this release:	.	
<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, comments):						
	SP-11 10/04/2001 4 . 0 . 0						
				<a href="#">get it</a>	remarks - general:		
					remarks - this release:		
<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, comments):						
	SP-11 02/04/2001 4 . 0 . 0						
				<a href="#">get it</a>	remarks - general:	Was 22.043 at Rel99.	
					remarks - this release:		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 353

04 December 2003 12:01:38

ACTIVE specs 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 42.056 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1**

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, comments):*  
SP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 42.068 Voice Group Call Service (VGCS); Stage 1**

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, comments):*  
SP-08 23/06/2000 4 . 0 . 0 32,304 [get it](#) *remarks - general:*  
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*  
SP-10 08/01/2001 4 . 1 . 0 [get it](#)

---

**TS 42.069 Voice Broadcast Service (VBS); Stage 1**

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, comments):*  
SP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*  
SP-10 08/01/2001 4 . 1 . 0 [get it](#)

---

Rel-4 **43** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

---

**TR 43.005 Technical performance objectives**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 354

04 December 2003 12:01:38

ACTIVE specs 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>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	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</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>			
<hr/>						
<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 S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 11/04/2001 4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
<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	G: yes U:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</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>			
<hr/>						
<b>TS 43.020</b>	<b>Security-related network functions</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> GILBERT, Henri	France Telecom		
	<i>freeze_meeting:</i> SP-11	GP	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>	G: yes U:				
	SP-09 04/11/2000 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 access.

# 3GPP specification status

Page 355

04 December 2003 12:01:38

ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

---

## TS 43.022 Functions related to Mobile Station (MS) in idle mode and group receive mode

Rel-4 *current version:* 4.5.0 *WG (prime / other):* G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

GP-01	10/10/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Moved from SMG3 Jan 2000.
edito	24/10/2000	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>
GP-02	24/11/2000	4 . 1 . 0	<a href="#">get it</a>	
edito	30/11/2000	4 . 1 . 1	<a href="#">get it</a>	
GP-03	15/02/2001	4 . 2 . 0	<a href="#">get it</a>	
GP-05	05/10/2001	4 . 3 . 0	<a href="#">get it</a>	
GP-10	19/07/2002	4 . 4 . 0	<a href="#">get it</a>	
GP-11	19/09/2002	4 . 5 . 0	<a href="#">get it</a>	

---

## TR 43.026 Multiband operation of GSM / DCS 1800 by a single operator

Rel-4 *current version:* 4.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

GP-04	11/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
re-issue as TR (not TS) as per 03.26	31/07/2002	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>

---

## TR 43.030 Radio network planning aspects

Rel-4 *current version:* 4.0.1 *WG (prime / other):* G1 / - *rapporteur:* TEGTH, Ulf TeliaSonera AB  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

GP-01	10/10/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
some refs revert to pre-Rel-4 GSM format	24/10/2000	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>

---

## TS 43.033 Lawful Interception; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* POPE, Maurice

*history (event, available, version, comments):*

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 access.

# 3GPP specification status

Page 356

04 December 2003 12:01:39

ACTIVE specs 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>TS 43.045</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-11 06/04/2001 4 . 0 . 0					<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>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0					<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>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 11/04/2001 4 . 0 . 0					<a href="#">get it</a> <i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<b>TS 43.055</b>	<b>Dual Transfer Mode (DTM); Stage 2</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	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>
	GP-14 25/04/2003 4 . 2 . 0					<a href="#">get it</a>
	GP-16 12/09/2003 4 . 3 . 0					<a href="#">get it</a>
<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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 357

04 December 2003 12:01:39

ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

---

## TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN

Rel-4 *current version:* 4.5.0 *WG (prime / other):* G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

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>

---

## TS 43.064 Overall description of the GPRS radio interface; Stage 2

Rel-4 *current version:* 4.4.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

GP-03	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>
GP-14	25/04/2003	4	.	4	.	0	<a href="#">get it</a>

---

## TS 43.068 Voice Group Call Service (VGCS); Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

NP-08	23/06/2000	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
NP-09	12/10/2000	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
	edito	24/10/2000	4	.	1	.	1 <a href="#">get it</a>
NP-10	02/01/2001	4	.	2	.	0	<a href="#">get it</a>
	edito	17/06/2002	4	.	2	.	1 <a href="#">get it</a>
	edito	28/06/2002	4	.	2	.	2 <a href="#">get it</a>
NP-21	08/10/2003	4	.	3	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 358

04 December 2003 12:01:39

ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

---

## TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 *current version:* 4.3.0 *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, comments):*

NP-08	23/06/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-09	12/10/2000	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
edito	28/06/2002	4 . 1 . 1	<a href="#">get it</a>	
NP-10	03/01/2001	4 . 2 . 0	<a href="#">get it</a>	
edito	06/06/2002	4 . 2 . 1	<a href="#">get it</a>	
Note 1 to 9 and Note 2 to 10 in fig. 4	27/06/2002	4 . 2 . 2	<a href="#">get it</a>	
NP-21	08/10/2003	4 . 3 . 0	<a href="#">get it</a>	

---

## TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

SP-16	24/06/2002	4 . 0 . 0 = 23.073 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> .
-------	------------	---------------------------	------------------------	--

---

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 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

NP-11	11/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-16	20/06/2002	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 access.

# 3GPP specification status

Page 359

04 December 2003 12:01:40

ACTIVE specs 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 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-04 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 44.004 Layer 1 - General Requirements**  
Rel-4 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* GP-04 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
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](#)

---

**TS 44.005 Data Link (DL) Layer General Aspects**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-04 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 44.006 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-04 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
GP-08 19/02/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

---

**TS 44.012 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface**  
Rel-4 *current version:* 4.0.1 *WG (prime / other):* G2 / N2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-04 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:* Rel-4 onwards. (Rel-99 was 24.012)  
edito 17/12/2002 4 . 0 . 1 [get it](#) *remarks - this release:* TSG#11: Replaces 24.012 for Rel-4 on.

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 360

04 December 2003 12:01:40

ACTIVE specs 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 44.013 Performance Requirements on Mobile Radio Interface

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-16 20/06/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

---

## TS 44.014 Individual equipment type requirements and interworking; Special conformance testing functions

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
GP-05 18/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
GP-10 19/07/2002 4 . 2 . 0 [get it](#)  
GP-15 10/07/2003 4 . 3 . 0 [get it](#)

---

## TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-4 *current version:* 4.15.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
04.18 to 3G format 10/08/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
GP-01 11/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:* #32:9.0.0 MCC-converted Aug00:  
edito 24/10/2000 4 . 1 . 1 [get it](#)  
GP-02 21/12/2000 4 . 2 . 0 [get it](#)  
GP-03 31/01/2001 4 . 3 . 0 [get it](#)  
GP-04 04/05/2001 4 . 4 . 0 [get it](#)  
GP-05 18/06/2001 4 . 5 . 0 [get it](#)  
GP-06 10/09/2001 4 . 6 . 0 [get it](#)  
GP-07 08/01/2002 4 . 7 . 0 [get it](#)  
GP-08 19/02/2002 4 . 8 . 0 [get it](#)  
GP-09 02/05/2002 4 . 9 . 0 [get it](#)  
edito post GP-09 28/05/2002 4 . 9 . 1 [get it](#)  
GP-10 19/07/2002 4 . 10 . 0 [get it](#)  
GP-11 16/09/2002 4 . 11 . 0 [get it](#)  
GP-12 17/12/2002 4 . 12 . 0 [get it](#)  
GP-13 21/02/2003 4 . 13 . 0 [get it](#)  
GP-14 28/04/2003 4 . 14 . 0 [get it](#)  
GP-15 10/07/2003 4 . 15 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 361

04 December 2003 12:01:40

ACTIVE specs 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 44.021 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
NP-10 21/12/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-17 19/09/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

---

## TS 44.031 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)

Rel-4 *current version:* 4.7.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
GP-05 18/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
GP-06 14/09/2001 4 . 2 . 0 [get it](#)  
GP-07 08/01/2002 4 . 3 . 0 [get it](#)  
GP-08 19/02/2002 4 . 4 . 0 [get it](#)  
GP-09 02/05/2002 4 . 5 . 0 [get it](#)  
GP-10 19/07/2002 4 . 6 . 0 [get it](#)  
GP-16 12/09/2003 4 . 7 . 0 [get it](#)

---

## TS 44.035 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods

Rel-4 *current version:* 4.1.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
GP-07 08/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

---

## TS 44.056 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 362

04 December 2003 12:01:41

ACTIVE specs 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 44.057 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
NP-11 11/04/2001 4 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:*

---

## TS 44.060 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

Rel-4 *current version:* 4.14.0 *WG (prime / other):* G2 / *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

GP-03	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>	
GP-12	17/12/2002	4 . 9 . 0	<a href="#">get it</a>	
GP-13	21/02/2003	4 . 10 . 0	<a href="#">get it</a>	
GP-14	29/04/2003	4 . 11 . 0	<a href="#">get it</a>	
GP-15	10/07/2003	4 . 12 . 0	<a href="#">get it</a>	
GP-16	13/09/2003	4 . 13 . 0	<a href="#">get it</a>	
GP-17		4 . 14 . 0		

---

## TS 44.064 Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

NP-11	11/04/2001	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-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>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 363

04 December 2003 12:01:41

ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

---

<b>TS 44.065</b>	<b>Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)</b>				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-10 02/01/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.	
	NP-13 02/10/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	NP-15 19/03/2002 4 . 2 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 44.068</b>	<b>Group Call Control (GCC) Protocol</b>				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	conversion to 06/09/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	3GPP format		<i>remarks - this release:</i>		
	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>			
<hr/>					
<b>TS 44.069</b>	<b>Broadcast Call Control (BCC) protocol</b>				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-08 23/06/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-09 12/10/2000 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	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>			
<hr/>					
<b>TS 44.071</b>	<b>Location Services (LCS); Mobile radio interface layer 3 LCS specification</b>				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-04 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-07 08/01/2002 4 . 2 . 0	<a href="#">get it</a>			
	GP-10 19/07/2002 4 . 3 . 0	<a href="#">get it</a>			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 364

04 December 2003 12:01:42

ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

---

Rel-4 45 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

---

**TS 45.001 Physical layer on the radio path; General description**

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

GP-01	10/10/2000	4	.	0	.	0
edito	24/10/2000	4	.	0	.	1
GP-07	04/01/2002	4	.	1	.	0
GP-14	25/04/2003	4	.	2	.	0
GP-17		4	.	3	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

---

**TS 45.002 Multiplexing and multiple access on the radio path**

Rel-4 *current version:* 4.8.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

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	15/01/2001	4	.	2	.	0
edito	27/02/2001	4	.	2	.	1
GP-04	20/04/2001	4	.	3	.	0
GP-06	01/10/2001	4	.	4	.	0
GP-07	04/01/2002	4	.	5	.	0
GP-13	21/02/2003	4	.	6	.	0
GP-14	25/04/2003	4	.	7	.	0
GP-15	11/07/2003	4	.	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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 365

04 December 2003 12:01:42

ACTIVE specs Rel-4 45 .- series  
Server location: [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-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-03 06/02/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	GP-07 04/01/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	GP-14 25/04/2003 4 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 45.004</b>	<b>Modulation</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 18/06/2001 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>			
	GP-07 04/01/2002 4 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 45.005</b>	<b>Radio transmission and reception</b>					
Rel-4	<i>current version:</i> 4.13.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SAMUELSSON, Mats	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-01 10/10/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	edito 24/10/2000 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
	GP-02 24/11/2000 4 . 1 . 0	<a href="#">get it</a>				
	edito 30/11/2000 4 . 1 . 1	<a href="#">get it</a>				
	GP-03 15/02/2001 4 . 2 . 0	<a href="#">get it</a>				
	GP-04 20/04/2001 4 . 3 . 0	<a href="#">get it</a>				
	GP-05 29/06/2001 4 . 4 . 0	<a href="#">get it</a>				
	GP-06 01/10/2001 4 . 5 . 0	<a href="#">get it</a>				
	GP-07 04/01/2002 4 . 6 . 0	<a href="#">get it</a>				
	GP-09 06/05/2002 4 . 7 . 0	<a href="#">get it</a>				
	GP-10 19/07/2002 4 . 8 . 0	<a href="#">get it</a>				
	GP-11 19/09/2002 4 . 9 . 0	<a href="#">get it</a>				
	GP-13 21/02/2003 4 . 10 . 0	<a href="#">get it</a>				
	GP-14 25/04/2003 4 . 11 . 0	<a href="#">get it</a>				
	GP-15 11/07/2003 4 . 12 . 0	<a href="#">get it</a>				
	GP-16 12/09/2003 4 . 13 . 0	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 366

04 December 2003 12:01:42

ACTIVE specs 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 45.008 Radio subsystem link control

Rel-4 *current version:* 4.13.0

*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

*MCC:* USAI, Paolino

*history (event, available, version, comments):*

GP-01	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
GP-14	25/04/2003	4	.	10	.	0
GP-15	11/07/2003	4	.	11	.	0
GP-16	12/09/2003	4	.	12	.	0
GP-17		4	.	13	.	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](#)

---

## TS 45.009 Link adaptation

Rel-4 *current version:* 4.2.0

*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S

Skov  
USAI, Paolino

G: yes U:

*MCC:*

*history (event, available, version, comments):*

GP-02	06/02/2001	4	.	0	.	0
GP-06	01/10/2001	4	.	1	.	0
GP-07	04/01/2002	4	.	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 access.

# 3GPP specification status

Page 367

04 December 2003 12:01:43

ACTIVE specs 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 45.010 Radio subsystem synchronization

Rel-4 *current version:* 4.5.0

*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

*MCC:* USAI, Paolino

*history (event, available, version, comments):*

GP-04 20/04/2001 4 . 0 . 0

[get it](#) *remarks - general:*

GP-07 04/01/2002 4 . 1 . 0

[get it](#) *remarks - this release:*

GP-08 19/02/2002 4 . 2 . 0

[get it](#)

GP-10 19/07/2002 4 . 3 . 0

[get it](#)

GP-13 21/02/2003 4 . 4 . 0

[get it](#)

GP-16 12/09/2003 4 . 5 . 0

[get it](#)

---

## TR 45.022 Radio link management in hierarchical networks

Rel-4 *current version:* 4.0.0

*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han

T-MOBILE DEUTSCHLAND

G: yes U:

*MCC:* USAI, Paolino

*history (event, available, version, comments):*

GP-04 11/04/2001 4 . 0 . 0

[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

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter

MOTOROLA A/S

G: yes U:

*MCC:* USAI, Paolino

*history (event, available, version, comments):*

GP-04 11/04/2001 4 . 0 . 0

[get it](#) *remarks - general:*

make figures 01/08/2001 4 . 0 . 1

[get it](#) *remarks - this release:*

legible

---

## TS 45.056 CTS-FP Radio Sub-system

Rel-4 *current version:* 4.0.0

*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino

TELECOM ITALIA S.p.A.

G: yes U:

*MCC:* USAI, Paolino

*history (event, available, version, comments):*

GP-04 11/04/2001 4 . 0 . 0

[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)

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 368

04 December 2003 12:01:43

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<b>TS 46.001</b>	<b>Full Rate Speech Processing Functions</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/10/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
<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, comments):</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, comments):</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, comments):</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, comments):</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 access.

# 3GPP specification status

Page 369

04 December 2003 12:01:43

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<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, comments):</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>		
<hr/>						
<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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 46.012</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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>		
<hr/>						
<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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 46.021</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 370

04 December 2003 12:01:44

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<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	G: yes U:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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 46.031</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 S.p.A.
	<i>freeze_meeting:</i> SP-11	G: yes U:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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 S.p.A.
	<i>freeze_meeting:</i> SP-11	G: yes U:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 371

04 December 2003 12:01:44

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<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, comments):</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 46.053</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 372

04 December 2003 12:01:44

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 46.062</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, comments):</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 46.076</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 S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
	fix invisible figures 10/01/2002 4 . 0 . 1				<a href="#">get it</a>	<i>remarks - this release:</i>
<hr/>						
<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, comments):</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 46.082</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, comments):</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 access.

# 3GPP specification status

Page 373

04 December 2003 12:01:44

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

**TR 46.085 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

Rel-4 **48** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

**TS 48.001 General Aspects on the BSS-MSC Interface**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* Skov THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 48.002 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles**  
Rel-4 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* Skov THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-04 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 Rel-5 CR undone. Effectively reverts to [get it](#)  
4.0.0

---

**TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* Skov THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 374

04 December 2003 12:01:45

ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

**TS 48.006 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-04 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 48.008 Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Rel-4 *current version:* 4.10.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-04 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
08.08 to 3G format 11/08/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
GP-01 11/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*  
edito 24/10/2000 4 . 1 . 1 [get it](#)  
GP-02 11/01/2001 4 . 2 . 0 [get it](#)  
GP-03 31/01/2001 4 . 3 . 0 [get it](#)  
GP-04 04/05/2001 4 . 4 . 0 [get it](#)  
GP-06 14/09/2001 4 . 5 . 0 [get it](#)  
GP-07 08/01/2002 4 . 6 . 0 [get it](#)  
GP-08 19/02/2002 4 . 7 . 0 [get it](#)  
GP-10 19/07/2002 4 . 8 . 0 [get it](#)  
GP-15 10/07/2003 4 . 9 . 0 [get it](#)  
GP-16 12/09/2003 4 . 10 . 0 [get it](#)

---

**TS 48.014 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-04 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 375

04 December 2003 12:01:45

ACTIVE specs 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 48.016</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service</b>				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04			Skov	
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-02 17/11/2000 4 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>	
	GP-04 04/05/2001 4 . 1 . 0	<a href="#">get it</a>		<i>remarks - this release:</i>	
	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>			
	GP-15 10/07/2003 4 . 3 . 0	<a href="#">get it</a>			

---

<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			THOMASEN, Gert	
		G: yes U:	MCC:		
	<i>history (event, available, version, comments):</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			BOSWARTHICK, David	
		G: yes U:	MCC:		
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04			Skov	
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-04 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>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 376

04 December 2003 12:01:45

ACTIVE specs 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 48.051</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-04 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>		

---

<b>TS 48.052</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles</b>				
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-04 04/05/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	edito 15/05/2001 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>		

---

<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>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-04 04/05/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

---

<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>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-04 04/05/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

---

<b>TS 48.058</b>	<b>Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-04 04/05/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	GP-08 19/02/2002 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 access.

# 3GPP specification status

Page 377

04 December 2003 12:01:46

ACTIVE specs 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 48.060</b>	<b>In-band control of remote transcoders and rate adaptors for full rate traffic channels</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G1 / -	<i>rporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-04		Skov						
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	GP-04 04/05/2001	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.			
	edito 28/05/2001	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>					
	GP-08 19/02/2002	4 . 1 . 0	<a href="#">get it</a>						

---

<b>TS 48.061</b>	<b>In-band control of remote transcoders and rate adaptors for half rate traffic channels</b>								
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> G1 / NP	<i>rporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-04		Skov						
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	GP-04 04/05/2001	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.			
	GP-08 19/02/2002	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>					
	editorial pody GP-08 20/03/2002	4 . 1 . 1	<a href="#">get it</a>						

---

<b>TS 48.071</b>	<b>Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification</b>								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> G2 / -	<i>rporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-04		Skov						
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	THOMASEN, Gert					
	<i>history (event, available, version, comments):</i>								
	GP-04 04/05/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
	GP-06 14/09/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>					
	GP-07 08/01/2002	4 . 2 . 0	<a href="#">get it</a>						
	GP-08 19/02/2002	4 . 3 . 0	<a href="#">get it</a>						
	GP-15 10/07/2003	4 . 4 . 0	<a href="#">get it</a>						

---

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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 378

04 December 2003 12:01:46

ACTIVE specs 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 49.001 General network interworking scenarios

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
correct references 25/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

---

## TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
draft 17/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*  
NP-19 24/03/2003 4 . 1 . 0 [get it](#)

---

## TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
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)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 379

04 December 2003 12:01:46

ACTIVE specs 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, Paulino  
*history (event, available, version, comments):*  
GP-04 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
edito 01/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*

---

Rel-4 **51** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

---

## TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification

Rel-4 *current version:* 4.10.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-11 NP /  
T2 /  
SCP  
*G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
conversion from 01/08/2000 4 . 0 . 1 [get it](#) *remarks - general:* 2001-11-19: G4->G5.  
11.10-1 v9.0.1 *remarks - this release:* #32:9.0.0 MCC-converted Aug00:4.0.1  
edito 24/10/2000 4 . 0 . 2 [get it](#)  
GP-02 01/12/2000 4 . 1 . 0 [get it](#)  
edito to correct 01/12/2000 4 . 1 . 1 [get it](#)  
Release  
edito 17/01/2001 4 . 1 . 2 [get it](#)  
GP-03 22/01/2001 4 . 2 . 0 [get it](#)  
GP-04 11/04/2001 4 . 3 . 0 [get it](#)  
GP-05 05/06/2001 4 . 4 . 0 [get it](#)  
GP-06 31/08/2001 4 . 5 . 0 [get it](#)  
GP-07 09/01/2002 4 . 6 . 0 [get it](#)  
GP-08 26/02/2002 4 . 7 . 0 [get it](#)  
GP-09 03/05/2002 4 . 8 . 0 [get it](#)  
GP-10 19/07/2002 4 . 9 . 0 [get it](#)  
GP-11 20/09/2002 4 . 10 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 380

04 December 2003 12:01:47

ACTIVE specs 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 51.010-2 Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Rel-4 *current version:* 4.7.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-14 NP /  
T2 /  
SCP

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version, comments):*

GP-02		1	.	0	.	0
GP-04	11/04/2001	4	.	0	.	0
GP-05	05/06/2001	4	.	1	.	0
GP-06	31/08/2001	4	.	2	.	0
GP-07	09/01/2002	4	.	3	.	0
GP-07 minor	18/01/2002	4	.	3	.	1
editorial						
GP-08	26/02/2002	4	.	4	.	0
GP-09	29/04/2002	4	.	5	.	0
GP-10	03/07/2002	4	.	6	.	0
GP-11	19/09/2002	4	.	7	.	0

[get it](#) *remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4 *current version:* 4.8.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-11 NP /  
T2 /  
SCP

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version, comments):*

GP-01	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
GP-14	29/04/2003	4	.	8	.	0

[get it](#) *remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 381

04 December 2003 12:01:47

ACTIVE specs 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:* 0.0.1 DRAFT *WG (prime / other):* T3 / G3ne *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-14

*G:* yes *U:* *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

TP-14 02/01/2002 0 . 0 . 1 TP-010250; TP17: the previous doc [get it](#) *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: Withdrawn, because doc turned out to be a sort of draft CR for *remarks - this release:* TP-17: Withdrawn, because doc was in fact R99, not Rel-4. 2003-07-15: Dietze was in fact R99, not Rel-4. TP-20: transferred to T3 (for when Rel-4 appears!).  
R99 (11.10-4). 2003-07-15: Dietze indicates that Rel-4 will eventually be produced, so this Release reinstated (though 2003-07-15: Unwithdrawn - see comments against Rel-4. existing so-called draft v0.0.1 is still scrapped).  
indicates that a Rel-4 will be required, so this Release reinstated, but this version 0.0.1 remains scrapped.

---

## TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

Rel-4 *current version:* 4.9.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* SP-11

*G:* yes *U:* *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

TP-11 09/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".  
TP-12 06/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:* TP-14: At TP-11 it was decided that there would be no need for a Rel-5 version, since by then all terminals will handle a common USIM. But the question still seems to be open. TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version withdrawn!

TP-13 11/10/2001 4 . 2 . 0 [get it](#)

TP-14 17/01/2002 4 . 3 . 0 [get it](#)

TP-16 25/06/2002 4 . 4 . 0 [get it](#)

TP-17 18/09/2002 4 . 5 . 0 [get it](#)

TP-18 02/01/2003 4 . 6 . 0 [get it](#)

TP-19 04/04/2003 4 . 7 . 0 [get it](#)

TP-20 23/06/2003 4 . 8 . 0 [get it](#)

TP-21 29/09/2003 4 . 9 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 382

04 December 2003 12:01:47

ACTIVE specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

---

<b>TS 51.013</b>	<b>Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card</b>								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LLOBREGAT, Fernando	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> TP-19								
		G: yes U:	MCC:	DIETZE, Claus					
	<i>history (event, available, version, comments):</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. TP-18: no CR; anticipate at TP-19.	<a href="#">get it</a>	<i>remarks - this release:</i> TP-15: New WI approved in TP-020029.					
	TP-19 04/04/2003 4 . 0 . 0	Created with CR to 11.13 R99	<a href="#">get it</a>						
	replace Annex E with correct file 16/04/2003 4 . 0 . 1		<a href="#">get it</a>						

---

<b>TS 51.014</b>	<b>Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit</b>								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-11								
		G: yes U:	MCC:	DIETZE, Claus					
	<i>history (event, available, version, comments):</i>								
	TP-18 02/01/2003 4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>					
	TP-19 04/04/2003 4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> RP-11: TSG-T agreed not to have a rel-4 version. The 3G equivalent (31.111) will be upgraded to include a GSM-only annex. TP-18: This spec resurrected, based on ETSI					
	TP-21 29/09/2003 4 . 2 . 0		<a href="#">get it</a>	TS 102 223 Rel-4 (via a CR to 11.14 R99).					

---

<b>TS 51.021</b>	<b>GSM radio aspects base station system equipment specification</b>								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-13	G: yes U:	MCC:	USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	GP-07 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> .					
	GP-12 03/01/2003 4 . 2 . 0		<a href="#">get it</a>						
	GP-13 21/02/2003 4 . 3 . 0		<a href="#">get it</a>						
	GP-15 11/07/2003 4 . 4 . 0		<a href="#">get it</a>						

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 383

04 December 2003 12:01:48

ACTIVE specs 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 51.026 GSM Repeater Equipment Specification

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-13  
*history (event, available, version, comments):*  
post-GP-07 23/01/2002 4 . 0 . 0

*WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

Rel-4 **52** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

---

## TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* GP-09  
*history (event, available, version, comments):*  
GP-09 06/05/2002 4 . 0 . 0

*WG (prime / other):* G1 / S5 *rapporteur:* TRUSS, Michael 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-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-13  
*history (event, available, version, comments):*  
SP-13 05/10/2001 4 . 0 . 0 formerly 32.402  
SP-16 20/06/2002 4 . 1 . 0

*WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*G: yes U:* *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:* SP-13: replaces 32.402.  
[get it](#) *remarks - this release:* .

---

## R99

R99 **01** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 384

04 December 2003 12:01:48

ACTIVE specs R99 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

## TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R99 *current version:* 8.11.1 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* POPE, Maurice

*history (event, available, version, comments):*

draft	01/08/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
draft	01/08/1999	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	backwards extension to earlier releases.
mods to draft	01/09/1999	0 . 0 . 2	<a href="#">get it</a>		
more mods	07/09/1999	0 . 0 . 3	<a href="#">get it</a>		
WOME cmts	15/09/1999	0 . 1 . 0	<a href="#">get it</a>		
included					
Becomes T2/smg4 responsibility	21/09/1999	0 . 2 . 0	<a href="#">get it</a>		
editorials	01/10/1999	0 . 3 . 0	<a href="#">get it</a>		
draft	04/08/2000	0 . 3 . 0	<a href="#">get it</a>		
align with 21.101	07/10/1999	0 . 4 . 0	<a href="#">get it</a>		
smg-30	11/11/1999	1 . 0 . 0	<a href="#">get it</a>		
align with 21.101	30/11/1999	1 . 1 . 0	<a href="#">get it</a>	Alignment with 21.101: 1.1.0.	
smg-31b		2 . 0 . 0			
smg-32	20/06/2000	8 . 0 . 0	<a href="#">get it</a>		
SP-10	04/01/2001	8 . 1 . 0	<a href="#">get it</a>		
SP-12	05/07/2001	8 . 2 . 0	<a href="#">get it</a>		
SP-13	01/10/2001	8 . 3 . 0	<a href="#">get it</a>		
SP-14	03/01/2002	8 . 4 . 0	<a href="#">get it</a>		
SP-15	27/03/2002	8 . 5 . 0	<a href="#">get it</a>		
SP-16	19/06/2002	8 . 6 . 0	<a href="#">get it</a>		
SP-17	18/09/2002	8 . 7 . 0	<a href="#">get it</a>		
SP-18	03/01/2003	8 . 8 . 0	<a href="#">get it</a>		
SP-19	27/03/2003	8 . 9 . 0	<a href="#">get it</a>		
SP-20	25/06/2003	8 . 10 . 0	<a href="#">get it</a>		
SP-21	26/09/2003	8 . 11 . 0	<a href="#">get it</a>		
editorial	30/09/2003	8 . 11 . 1	<a href="#">get it</a>		

---

## TR 01.04 Abbreviations and acronyms

R99 *current version:* 8.0.0 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

upgrade to R99	10/05/2000	8 . 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 access.

# 3GPP specification status

Page 385

04 December 2003 12:01:48

ACTIVE specs R99 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

**TR 01.31 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, comments):*  
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, comments):*  
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, comments):*  
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 Per  
G: yes U: *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
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 access.

# 3GPP specification status

Page 386

04 December 2003 12:01:48

ACTIVE specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i>	T3 / S1	<i>rapporteur:</i>	HOOKER, Philip	ORANGE PCS LTD
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version, comments):</i>					
	smg-30 11/11/1999 8 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
<b>TS 02.19</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API); Stage 1</b>					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A
	<i>freeze_meeting:</i> SP-12	<i>G: yes U:</i>		<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version, comments):</i>					
	TP-12 01/02/2002 8 . 0 . 0 delayed awaiting 11.14			<a href="#">get it</a>	<i>remarks - general:</i> SMG9->T3@#31	
					<i>remarks - this release:</i> Target: Mid-2001; must await stable 11.14 R99. TP-12: approved. 2002-01-31: (Sanders) reinstated to fill the gap between R98 and Rel-4!	
<hr/>						
<b>TS 02.33</b>	<b>Lawful Interception (LI); Stage 1</b>					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i>	S3 /	<i>rapporteur:</i>	MCKIBBEN, Bernie	MOTOROLA GmbH
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 14/04/2000 8 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI publication 05/06/2001 8 . 0 . 1			<a href="#">get it</a>	<i>remarks - this release:</i> .	
<hr/>						
<b>TS 02.43</b>	<b>Support of Localised Service Area (SoLSA); Service description; Stage 1</b>					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	SP-11 02/05/2001 8 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> TSG#11:R98 upgraded to Rel-4 (42.043) so assume we need a Rel-1999 version too!	
<hr/>						
<b>TS 02.48</b>	<b>Security mechanisms for the SIM Application Toolkit; Stage 1</b>					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i>	T3 / S3	<i>rapporteur:</i>	BARNES, Nigel	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 17/05/2000 8 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> SMG9->T3@#31	
					<i>remarks - this release:</i> .	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 387

04 December 2003 12:01:49

ACTIVE specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
upgrade to R99 16/11/2000 8 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30  
ETSI publication 20/07/2001 8 . 0 . 1 [get it](#) *remarks - this release:* Nov-00: Created to fill the gap.

---

## TS 02.56 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

R99 *current version:* 8.0.1 *WG (prime / other):* S1 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
Upgrade to R99 01/05/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 17/10/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

---

## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R99 *current version:* 8.1.0 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-31 30/11/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
SP-10 12/01/2001 8 . 1 . 0 [get it](#) *remarks - this release:*

---

## TS 02.69 Voice Broadcast Service (VBS); Stage 1

R99 *current version:* 8.1.0 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
Upgrade to R99 10/05/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 17/10/2000 8 . 0 . 1 [get it](#) *remarks - this release:* . TSG#10:8.1.0  
SP-10 12/01/2001 8 . 1 . 0 [get it](#)

---

## TS 02.76 Noise Suppression for the AMR

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-29 2 . 0 . 0 *remarks - general:*  
SP-07 17/03/2000 8 . 0 . 0 *remarks - this release:*  
ETSI publication 30/07/2002 8 . 0 . 1 [get it](#) *ETSI publication only - 3GPP use 8.0.0* [get it](#)  
(not for 3GPP server)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 388

04 December 2003 12:01:49

ACTIVE specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1**

R99 *current version:* 8.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
SP-07 17/03/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

R99 **03** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TR 03.05 Technical performance objectives**

R99 *current version:* 8.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types**

R99 *current version:* 8.3.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
NP-06 17/12/1999 8 . 1 . 0 [get it](#) *remarks - this release:*  
NP-09 18/10/2000 8 . 2 . 0 [get it](#)  
NP-10 21/12/2000 8 . 3 . 0 [get it](#)

---

**TS 03.13 Discontinuous Reception (DRX) in the GSM System**

R99 *current version:* 8.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
Upgrade to R99 29/03/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 389

04 December 2003 12:01:49

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.19</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API) for Java Card</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	G: yes U:	<i>MCC:</i> DIETZE, Claus				
<i>history (event, available, version, comments):</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 TP-16	14/08/2002	8 . 4 . 1	<a href="#">get it</a>			
	TP-17	27/09/2002	8 . 5 . 0	<a href="#">get it</a>			
<hr/>							
<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	G: yes U:	<i>MCC:</i> POPE, Maurice				
<i>history (event, available, version, comments):</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>		
<hr/>							
<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 Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino				
<i>history (event, available, version, comments):</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>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 390

04 December 2003 12:01:50

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator

R99 *current version:* 8.3.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov  
*G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*  
Upgrade to R99 29/03/2000 8 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TR 03.30 Radio Network Planning Aspects

R99 *current version:* 8.3.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* GP / - *rapporteur:* TEGTH, Ulf TeliaSonera AB  
*G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*  
smg-29 30/06/1999 8 . 0 . 0  
smg-30 11/11/1999 8 . 1 . 0  
smg-30b 06/12/1999 8 . 2 . 0  
smg-31 16/02/2000 8 . 3 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0  
[get it](#)  
[get it](#)

---

## TS 03.33 Lawful Interception; Stage 2

R99 *current version:* 8.1.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*G: yes U:* *MCC:* POPE, Maurice

*history (event, available, version, comments):*  
Upgrade to R99 30/06/2000 8 . 0 . 0  
SP-10 21/12/2000 8 . 1 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* TSG#10:8.1.0

---

## TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*  
smg-29 30/06/1999 8 . 0 . 0  
ETSI publication 30/10/2001 8 . 0 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*  
NP-06 17/12/1999 8 . 0 . 0 (source Klehn)  
ETSI puboication 8 . 0 . 1 ETSI format only. Not for 3GPP use.

[get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 391

04 December 2003 12:01:50

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

R99 *current version:* 8.8.0

*freeze\_meeting:* SP-06

*WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel

MOTOROLA Ltd

G: yes U: *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

smg-29 30/06/1999 8 . 0 . 0

[get it](#) *remarks - general:* SMG9->T3@#31

smg-30 11/11/1999 8 . 1 . 0

[get it](#) *remarks - this release:*

smg-31 16/02/2000 8 . 2 . 0

[get it](#)

TP-08 28/06/2000 8 . 3 . 0

[get it](#)

TP-09 18/10/2000 8 . 4 . 0

[get it](#)

TP-11 09/04/2001 8 . 5 . 0

[get it](#)

TP-12 06/07/2001 8 . 6 . 0

[get it](#)

TP-13 12/10/2001 8 . 7 . 0

[get it](#)

TP-14 17/01/2002 8 . 8 . 0

[get it](#)

---

## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

R99 *current version:* 8.1.1

*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino

TELECOM ITALIA S.p.A.

G: yes U: *MCC:* USAI, Paolino

*history (event, available, version, comments):*

Upgrade to R99 29/03/2000 8 . 0 . 0

[get it](#) *remarks - general:*

ETSI publication 22/09/2000 8 . 0 . 1

[get it](#) *remarks - this release:* #32:8.1.0

smg-32 20/06/2000 8 . 1 . 0

[get it](#)

ETSI publication 29/11/2000 8 . 1 . 1

[get it](#)

---

## TS 03.52 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2

R99 *current version:* 8.0.1

*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* GIRAUD, Alexis

ALCATEL S.A.

G: yes U: *MCC:* USAI, Paolino

*history (event, available, version, comments):*

Upgrade to R99 29/03/2000 8 . 0 . 0

[get it](#) *remarks - general:*

ETSI publication 29/09/2000 8 . 0 . 1

[get it](#) *remarks - this release:* .

---

## TS 03.53 Tandem Free Operation (TFO); Service description; Stage 2

R99 *current version:* 8.0.0

*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / NP / *rapporteur:* FAUCONNIER, Denis

NORTEL NETWORKS (EUROPE)

G: yes U: *MCC:* USAI, Paolino

*history (event, available, version, comments):*

Upgrade to R99 30/03/2000 8 . 0 . 0

[get it](#) *remarks - general:* Mar00: prime responsibility txfrd to SMG11

*remarks - this release:* .

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 392

04 December 2003 12:01:50

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.55 Dual Transfer Mode (DTM); Stage 2

R99 *current version:* 8.1.1 *WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

GP-02	05/01/2001	8	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	2003-10-09: Converted from TR to TS.
GP-16	12/09/2003	8	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	GERAN#2: 8.0.0
Conversion to TS (was TR)	10/10/2003	8	.	1	.	1	<a href="#">get it</a>		Illogical to be a TR, and 43.055 is a TS!

---

## TR 03.58 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* MONFORT, Jean-Yves France Telecom  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

Upgrade to R99	30/03/2000	8	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.

---

## TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R99 *current version:* 8.11.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

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-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>		
smg-31b	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>		
GP-14	25/04/2003	8	.	11	.	0	<a href="#">get it</a>		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 393

04 December 2003 12:01:51

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.68</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>				
R99	current version: 8.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version, comments):				
	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:
	smg-32 20/06/2000 8 . 2 . 0			<a href="#">get it</a>	
	NP-21 10/10/2003 8 . 3 . 0			<a href="#">get it</a>	
<hr/>					
<b>TS 03.69</b>	<b>Voice Broadcast service (VBS); Stage 2</b>				
R99	current version: 8.3.0	WG (prime / other):	N1 / -	rapporteur:	MÜNNING, Dirk DETECON GMBH
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version, comments):				
	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: 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>	
	NP-21 13/10/2003 8 . 3 . 0			<a href="#">get it</a>	
<hr/>					
<b>TS 03.71</b>	<b>Location Services (LCS); Functional description; Stage 2</b>				
R99	current version: 8.7.0	WG (prime / other):	S2 / -	rapporteur:	BROOK, Richard SAMSUNG Electronics Research Institute
	freeze_meeting: SP-06	G: yes U:		MCC:	YOON, Sang-Ui
	history (event, available, version, comments):				
	Upgrade to R99 30/06/2000 8 . 0 . 0			<a href="#">get it</a>	remarks - general:
	SP-11 11/04/2001 8 . 1 . 0			<a href="#">get it</a>	remarks - this release: Need identified at TSG#7, since 23.171 does not cover GSM.
	SP-12 29/06/2001 8 . 2 . 0			<a href="#">get it</a>	
	SP-13 15/10/2001 8 . 3 . 0			<a href="#">get it</a>	
	SP-14 07/01/2002 8 . 4 . 0			<a href="#">get it</a>	
	SP-15 02/04/2002 8 . 5 . 0			<a href="#">get it</a>	
	SP-16 17/06/2002 8 . 6 . 0			<a href="#">get it</a>	
	SP-17 24/09/2002 8 . 7 . 0			<a href="#">get it</a>	
<hr/>					
<b>TS 03.73</b>	<b>Support of Localised Service Area (SoLSA); Stage 2</b>				
R99	current version: 8.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo TeliaSonera AB
	freeze_meeting: SP-16	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version, comments):				
	SP-16 24/06/2002 8 . 0 . 0	technically identical to 23.073 v3.0.1		<a href="#">get it</a>	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.

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 394

04 December 2003 12:01:51

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

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 WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S  
freeze\_meeting: SP-06 G: yes U: MCC: JORGENSEN, Per Johan  
history (event, available, version, comments):  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) remarks - general:  
remarks - this release: #31: 8.0.0

---

**TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**

R99 current version: 8.0.2 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S  
freeze\_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert  
history (event, available, version, comments):  
smg-30 11/11/1999 8 . 0 . 0 [get it](#) remarks - general:  
ETSI publication 07/09/2001 8 . 0 . 1 [get it](#) remarks - this release:  
edito 17/06/2002 8 . 0 . 2 [get it](#)

---

**TS 04.04 Layer 1 - General Requirements**

R99 current version: 8.1.2 WG (prime / other): G2 / - rapporteur: ISAACS, Ken SIEMENS AG  
freeze\_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert  
history (event, available, version, comments):  
smg-30 11/11/1999 8 . 0 . 0 [get it](#) remarks - general:  
smg-30b 06/12/1999 8 . 1 . 0 [get it](#) remarks - this release:  
ETSI publication 07/09/2001 8 . 1 . 1 [get it](#)  
edito 17/06/2002 8 . 1 . 2 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 395

04 December 2003 12:01:51

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.05 Data Link (DL) Layer General Aspects

R99 *current version:* 8.0.2  
*freeze\_meeting:* SP-06

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

Upgrade to R99	30/03/2000	8	.	0	.	0
ETSI publication	22/09/2000	8	.	0	.	1
edito	17/06/2002	8	.	0	.	2

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

---

## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R99 *current version:* 8.2.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

Upgrade to R99	30/03/2000	8	.	0	.	0
ETSI publication	29/09/2000	8	.	0	.	1
GP-03	31/01/2001	8	.	1	.	0
edito	31/01/2001	8	.	1	.	1
GP-08	19/02/2002	8	.	2	.	0
edito	17/06/2002	8	.	2	.	1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 04.08 Mobile radio interface layer 3 specification

R99 *current version:* 8.0.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

smg-29	30/06/2000	8	.	0	.	0
--------	------------	---	---	---	---	---

[get it](#) *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomsen  
*remarks - this release:* #29: 8.0.0 but this should not have been created! (24.008 instead). NP-13: 04.09 R99 (even numbered CRs!)  
reinstated until all references corrected (= never!). 2002-02-18: To be withdrawn at NP-15!

---

## TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R99 *current version:* 8.0.0  
*freeze\_meeting:* GP-04

*WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

GP-04	24/04/2001	8	.	0	.	0
-------	------------	---	---	---	---	---

[get it](#) *remarks - general:*  
*remarks - this release:* Replaces 24.012 R99.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 396

04 December 2003 12:01:52

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.13 Performance Requirements on Mobile Radio Interface

R99 *current version:* 8.0.1 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 29/08/2000 8 . 0 . 1 [get it](#) *remarks - this release:* #31: 8.0.0

---

## TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions

R99 *current version:* 8.5.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
Upgrade to R99 30/03/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
smg-32 20/06/2000 8 . 1 . 0 [get it](#) *remarks - this release:*  
GP-04 24/04/2001 8 . 2 . 0 [get it](#)  
GP-05 18/06/2001 8 . 3 . 0 [get it](#)  
GP-10 19/07/2002 8 . 4 . 0 [get it](#)  
GP-15 10/07/2003 8 . 5 . 0 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 397

04 December 2003 12:01:52

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

R99 *current version:* 8.20.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

smg-29	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-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>	
ETSI publication	05/10/2000	8 . 3 . 1	<a href="#">get it</a>	
smg-31b	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>	
GP-12	17/12/2002	8 . 17 . 0	<a href="#">get it</a>	
GP-13	21/02/2003	8 . 18 . 0	<a href="#">get it</a>	
GP-15	10/07/2003	8 . 19 . 0	<a href="#">get it</a>	
GP-17		8 . 20 . 0		

---

## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

R99 *current version:* 8.3.0 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

smg-29	30/06/1999	8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-08	28/06/2000	8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #29: 8.0.0 TSG#8:8.1.0 TSG#9:8.2.0 TSG#10:8.3.0
NP-09	18/10/2000	8 . 2 . 0	<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 access.

# 3GPP specification status

Page 398

04 December 2003 12:01:52

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.31</b>	<b>Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)</b>				
R99	<i>current version:</i> 8.11.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	Upgrade to R99	30/03/2000	8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
	smg-31b	17/04/2000	8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
	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>	
	GP-16	12/09/2003	8 . 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>				
R99	<i>current version:</i> 8.4.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	Upgrade to R99	30/03/2000	8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
	smg-31b	17/04/2000	8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
	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>	

---

<b>TS 04.56</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification</b>				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 399

04 December 2003 12:01:53

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification

R99 *current version:* 8.0.1 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 29/08/2000 8 . 0 . 1 [get it](#) *remarks - this release:* #31: 8.0.0

---

## TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

R99 *current version:* 8.21.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*  
smg-30b 06/12/1999 8 . 2 . 0 [get it](#)  
smg-31 16/02/2000 8 . 3 . 0 [get it](#)  
ETSI publication 05/10/2000 8 . 3 . 1 [get it](#)  
smg-31b 17/04/2000 8 . 4 . 0 [get it](#)  
ETSI publication 17/10/2000 8 . 4 . 1 [get it](#)  
smg-32 20/06/2000 8 . 5 . 0 [get it](#)  
GP-01 11/10/2000 8 . 6 . 0 [get it](#)  
GP-02 27/11/2000 8 . 7 . 0 [get it](#)  
GP-03 31/01/2001 8 . 8 . 0 [get it](#)  
GP-04 04/05/2001 8 . 9 . 0 [get it](#)  
GP-05 29/06/2001 8 . 10 . 0 [get it](#)  
GP-06 14/09/2001 8 . 11 . 0 [get it](#)  
GP-07 07/01/2002 8 . 12 . 0 [get it](#)  
edito 08/01/2002 8 . 12 . 1 [get it](#)  
GP-08 19/02/2002 8 . 13 . 0 [get it](#)  
GP-09 03/05/2002 8 . 14 . 0 [get it](#)  
edito post GP-09 28/05/2002 8 . 14 . 1 [get it](#)  
GP-10 19/07/2002 8 . 15 . 0 [get it](#)  
GP-11 16/09/2002 8 . 16 . 0 [get it](#)  
GP-12 17/12/2002 8 . 17 . 0 [get it](#)  
GP-14 25/04/2003 8 . 18 . 0 [get it](#)  
GP-15 10/07/2003 8 . 19 . 0 [get it](#)  
GP-16 13/09/2003 8 . 20 . 0 [get it](#)  
GP-17 8 . 21 . 0

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 400

04 December 2003 12:01:53

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.64</b>	<b>General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification</b>				
R99	<i>current version:</i> 8.7.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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>		
	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 (SNDTCP)</b>				
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.	
	NP-09 12/10/2000 8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	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	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	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>		

---

<b>TS 04.69</b>	<b>Broadcast Call Control (BCC) protocol</b>				
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	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>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 401

04 December 2003 12:01:54

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.71 Location Services (LCS); Mobile radio interface layer 3 specification

R99 *current version:* 8.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-06

*G:* yes *U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

Upgrade to R99	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 AI Bakri Jan 2000.  
[get it](#) *remarks - this release:*  
[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:* 8.8.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* SP-06

*G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30b	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
GP-14	25/04/2003	8	.	7	.	0
GP-17		8	.	8	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 402

04 December 2003 12:01:54

ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R99 *current version:* 8.11.0

*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

*G: yes U:*

*MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-29	30/06/1999	8	.	0	.	1
smg-30	11/11/1999	8	.	1	.	0
smg-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31b	17/04/2000	8	.	4	.	0
ETSI publication	24/10/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
ETSI publication	22/08/2003	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
GP-15	11/07/2003	8	.	11	.	0

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 05.03 Channel coding

R99 *current version:* 8.7.0

*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

*G: yes U:*

*MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31b	17/04/2000	8	.	4	.	0
ETSI publication	17/10/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
ETSI publication	22/08/2003	8	.	5	.	1
GP-02	24/11/2000	8	.	6	.	0
edito	15/02/2001	8	.	6	.	1
GP-14	25/04/2003	8	.	7	.	0

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:* #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#2:8.6.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 403

04 December 2003 12:01:54

ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.04 Modulation

R99 current version: 8.4.0

freeze\_meeting: SP-06

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version, comments):

smg-28	12/02/1999	8	.	0	.	0
smg-30b	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: 8.16.0

freeze\_meeting: SP-06

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson

G: yes U: MCC: USAI, Paolino

history (event, available, version, comments):

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
ETSI publication	29/09/2000	8	.	3	.	1
smg-31b	17/04/2000	8	.	4	.	0
ETSI publication	22/08/2003	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
ETSI publication	22/08/2003	8	.	5	.	1
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
GP-14	25/04/2003	8	.	15	.	0
GP-16	12/09/2003	8	.	16	.	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](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 404

04 December 2003 12:01:55

ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.08 Radio Subsystem Link Control

R99 *current version:* 8.19.0

*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

*history (event, available, version, comments):*

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31b	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
GP-14	25/04/2003	8	.	16	.	0
GP-15	11/07/2003	8	.	17	.	0
GP-16	12/09/2003	8	.	18	.	0
GP-17		8	.	19	.	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](#)

---

## TS 05.09 Link adaptation

R99 *current version:* 8.5.0

*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S

Skov

G: yes U:

MCC: USAI, Paolino

*history (event, available, version, comments):*

smg-31	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

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 405

04 December 2003 12:01:55

ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.10 Radio subsystem synchronization

R99 *current version:* 8.12.0

*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

MCC: USAI, Paolino

*history (event, available, version, comments):*

smg-30 11/11/1999 8 . 0 . 0  
smg-30b 06/12/1999 8 . 1 . 0  
smg-31 16/02/1999 8 . 2 . 0  
ETSI publication 29/09/2000 8 . 2 . 1  
smg-31b 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  
GP-13 21/02/2003 8 . 11 . 0  
GP-16 12/09/2003 8 . 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](#)

---

## TR 05.22 Radio link management in hierarchical networks

R99 *current version:* 8.0.0

*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han

T-MOBILE DEUTSCHLAND

G: yes U:

MCC: USAI, Paolino

*history (event, available, version, comments):*

Upgrade to R99 30/03/2000 8 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TR 05.50 Background for RF Requirements

R99 *current version:* 8.2.0

*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter

MOTOROLA A/S

G: yes U:

MCC: USAI, Paolino

*history (event, available, version, comments):*

smg-30 11/11/1999 8 . 0 . 0  
smg-31 16/02/2000 8 . 1 . 0  
smg-31b 17/04/2000 8 . 2 . 0

[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 access.

# 3GPP specification status

Page 406

04 December 2003 12:01:56

ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

**TS 05.56 GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem**  
R99 *current version:* 8.0.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
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 S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
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, comments):*  
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, comments):*  
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 access.

# 3GPP specification status

Page 407

04 December 2003 12:01:56

ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

## TS 06.07 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
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:* .

---

## TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 06.10 Full Rate Speech Transcoding

R99 *current version:* 8.2.0 *WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
Editorial 31/05/2000 8 . 0 . 1 [get it](#) *remarks - this release:*  
smg-32 20/06/2000 8 . 1 . 0 [get it](#)  
ETSI Publication 30/11/2000 8 . 1 . 1 [get it](#)  
SP-12 29/06/2001 8 . 2 . 0 [get it](#)

---

## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
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 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R99 *current version:* 8.1.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .  
SP-12 29/06/2001 8 . 1 . 0 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 408

04 December 2003 12:01:56

ACTIVE specs R99 06 .- series  
Server location: [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, comments):					
	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 06.21</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, comments):					
	smg-31 16/02/2000 8 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	ETSI publicatoin 15/11/2000 8 . 0 . 1			<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, comments):					
	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 06.31</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 S.p.A.
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	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 06.32</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, comments):					
	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 access.

# 3GPP specification status

Page 409

04 December 2003 12:01:56

ACTIVE specs R99 06 .- series  
Server location: [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 S.p.A.	
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version, comments):						
	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, comments):						
	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, comments):						
	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, comments):						
	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 access.

# 3GPP specification status

Page 410

04 December 2003 12:01:57

ACTIVE specs R99 06 .- series  
Server location: [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, comments):</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>		
<hr/>					
<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, comments):</i>				
	smg-31 16/02/2000 8 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
<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, comments):</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> .	
<hr/>					
<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, comments):</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> .	
<hr/>					
<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, comments):</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 access.

# 3GPP specification status

Page 411

04 December 2003 12:01:57

ACTIVE specs R99 06 .- series  
Server location: [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	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-07 2 . 0 . 0				<i>remarks - general:</i> New at SMG#31. Then became 06.77; new 06.76 has new title.	
	SP-07 17/03/2000 8 . 0 . 0				<i>remarks - this release:</i>	
fix invisible figures	10/01/2002 8 . 0 . 1					
					<a href="#">get it</a>	
					<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	<i>current version:</i> 8.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-32 20/06/2000 8 . 0 . 0				<i>remarks - general:</i>	
	SP-11 10/04/2001 8 . 1 . 0				<i>remarks - this release:</i> #32:8.0.0 TSG#11:8.1.0	
	edito 03/05/2001 8 . 1 . 1					
					<a href="#">get it</a>	
					<a href="#">get it</a>	
					<a href="#">get it</a>	
<hr/>						
<b>TR 06.78</b>	<b>Results of the AMR noise suppression selection phase</b>					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-32 20/06/2000 8 . 0 . 0				<i>remarks - general:</i>	
Addition of VAF	04/04/2003 8 . 0 . 1				<i>remarks - this release:</i>	
C-Code tool						
					<a href="#">get it</a>	
					<a href="#">get it</a>	
<hr/>						
<b>TS 06.81</b>	<b>Discontinuous Transmission (DTX) 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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0				<i>remarks - general:</i>	
ETSI Publication	15/11/2000 8 . 0 . 1				<i>remarks - this release:</i> .	
					<a href="#">get it</a>	
					<a href="#">get it</a>	
<hr/>						
<b>TS 06.82</b>	<b>Voice Activity Detection (VAD) 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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0				<i>remarks - general:</i>	
ETSI Publication	15/11/2000 8 . 0 . 1				<i>remarks - this release:</i> .	
					<a href="#">get it</a>	
					<a href="#">get it</a>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 412

04 December 2003 12:01:57

ACTIVE specs R99 06 .- series  
Server location: [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 S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
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 Peter MOTOROLA A/S  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* Skov THOMASEN, Gert  
*history (event, available, version, comments):*  
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 Peter MOTOROLA A/S  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* Skov THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

---

**TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* Skov THOMASEN, Gert  
*history (event, available, version, comments):*  
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 access.

# 3GPP specification status

Page 413

04 December 2003 12:01:58

ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.06 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 Peter MOTOROLA A/S  
*freeze\_meeting:* SP-06  
G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
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:* 8.15.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-06  
G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*  
smg-30b 06/12/1999 8 . 2 . 0 [get it](#)  
smg-31 16/02/2000 8 . 3 . 0 [get it](#)  
smg-31b 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](#)  
GP-15 10/07/2003 8 . 14 . 0 [get it](#)  
GP-16 12/09/2003 8 . 15 . 0 [get it](#)

---

**TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-06  
G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-31 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 access.

# 3GPP specification status

Page 414

04 December 2003 12:01:58

ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.16</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06			Skov	
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-31 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, comments):</i>				
	smg-30 11/11/1999 8 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>	
	smg-30b 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-31b 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, comments):</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 to use 8.4.0	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 415

04 December 2003 12:01:58

ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.31 Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification**  
R99 *current version:* 8.1.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-06 G: yes U: MCC: THOMASEN, Gert  
Skov  
THOMASEN, Gert  
*history (event, available, version, comments):*  
Upgrade to R99 11/05/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
GP-05 18/06/2001 8 . 1 . 0 [get it](#) *remarks - this release:* .  
edito 17/06/2002 8 . 1 . 1 [get it](#)

---

**TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-06 G: yes U: MCC: THOMASEN, Gert  
Skov  
THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

---

**TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-06 G: yes U: MCC: THOMASEN, Gert  
Skov  
THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

---

**TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-06 G: yes U: MCC: THOMASEN, Gert  
Skov  
THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-31 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 access.



# 3GPP specification status

Page 416

04 December 2003 12:01:59

ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

## TS 08.56 BSC-BTS Layer 2; Specification

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
Skov

*G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

smg-31 16/02/2000 8 . 0 . 0  
edito 17/06/2002 8 . 0 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

## TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

R99 *current version:* 8.6.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
Skov

*G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

smg-29 30/06/1999 8 . 0 . 0  
smg-30 11/11/1999 8 . 1 . 0  
smg-30 11/11/1999 8 . 2 . 0  
smg-31 16/02/2000 8 . 3 . 0  
smg-31b 17/04/2000 8 . 4 . 0  
GP-01 11/10/2000 8 . 5 . 0  
GP-02 30/11/2000 8 . 6 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #29: 8.0.0 #30: 8.1.0 #30: 8.2.0 #31:8.3.0 #31b:8.4.0 GERAN#1:8.5.0 GERAN#2:8.6.0  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

R99 *current version:* 8.2.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
Skov

*G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-30 11/11/1999 8 . 0 . 1  
smg-30b 06/12/1999 8 . 1 . 0  
ETSI publication 30/10/2001 8 . 1 . 1  
GP-08 19/02/2002 8 . 2 . 0  
replace corrupted 24/01/2003 8 . 2 . 1  
figure 2.1

[get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 417

04 December 2003 12:01:59

ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.61</b>	<b>In-band control of remote transcoders and rate adaptors for half rate traffic channels</b>								
R99	<i>current version:</i> 8.1.0		<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S				
	<i>freeze_meeting:</i> SP-06			Skov					
			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	smg-31 16/02/2000	8 . 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 15/11/2000	8 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i> .				
	GP-08 19/02/2002	8 . 1 . 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>								
R99	<i>current version:</i> 8.0.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.				
	<i>freeze_meeting:</i> SP-06			<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	SP-07 17/03/2000	8 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> SMG11->S4 at SMG#30				
	edito 08/08/2000	8 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i> .				

---

<b>TS 08.71</b>	<b>Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3</b>								
R99	<i>current version:</i> 8.5.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S				
	<i>freeze_meeting:</i> SP-06			Skov					
			<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert					
	<i>history (event, available, version, comments):</i>								
	smg-31 16/02/2000	8 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-31b 17/04/2000	8 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	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)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 418

04 December 2003 12:01:59

ACTIVE specs R99 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

R99 *current version:* 8.0.0

*freeze\_meeting:* SP-06

*history (event, available, version, comments):*

NP-07 15/03/2000 8 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface

R99 *current version:* 8.2.0

*freeze\_meeting:* SP-06

*history (event, available, version, comments):*

smg-31 16/02/2000 8 . 0 . 0

NP-10 02/01/2001 8 . 1 . 0

NP-19 24/03/2003 8 . 2 . 0

*WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #31: 8.0.0 TSG#10:8.1.0  
[get it](#)

---

## TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

R99 *current version:* 8.6.0

*freeze\_meeting:* SP-06

*history (event, available, version, comments):*

smg-31 16/02/2000 8 . 0 . 0

smg-31b 17/04/2000 8 . 1 . 0

smg-32 20/06/2000 8 . 2 . 0

GP-01 01/09/2000 8 . 3 . 0

GP-06 14/09/2001 8 . 4 . 0

GP-07 08/01/2002 8 . 5 . 0

GP-10 19/07/2002 8 . 6 . 0

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S

*G: yes U:* *MCC:* Skov  
THOMASEN, Gert

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

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 access.

# 3GPP specification status

Page 419

04 December 2003 12:02:00

ACTIVE specs R99 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

**TS 10.56 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1**

R99 *current version:* 8.0.0 *WG (prime / other):* S2 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
smg-27 09/02/2000 8 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:*

---

**TR 10.59 Project scheduling and open issues for EDGE**

R99 *current version:* 8.0.0 *WG (prime / other):* G1 / - *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*  
draft 05/01/2000 1 . 20 . 0  
draft 01/04/2000 1 . 22 . 0  
draft 25/05/2000 1 . 23 . 0  
smg-32 20/06/2000 8 . 0 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[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)

---

**TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification**

R99 *current version:* 8.3.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* SP-06 NP /  
T2 /  
SCP

*G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*  
smg-31 16/02/2000 8 . 0 . 0  
smg-31 16/02/2000 8 . 1 . 0  
5 equivalent. 2001-11-19: G4->G5.

[get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced  
[get it](#) *remarks - this release:* #32:closed. #32:8.2.0 GP-06: Rel-4 serves all releases. GP-06: reopened and by Rel-  
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](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 420

04 December 2003 12:02:00

ACTIVE specs R99 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

## TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R99 *current version:* 8.5.0 *WG (prime / other):* T3 / G2, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* SP-06 G3ne

G: yes U: MCC: DIETZE, Claus

*history (event, available, version, comments):*

auto upgrade to 8 . 0 . 0 never actually done  
R99 from previous version not derived from R96 by CR; also to withdraw the R96 version, since the R99

*remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99  
*remarks - this release:* May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, and

rel version will cover all previous Releases. TP-20: accepted by T3 (from G4).

to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases.

TP-14	0 . 0 . 1	TP-010250		
T3-23	1 . 0 . 0	T3-020405		
TP-17	2 . 0 . 0	TP-020221 = new draft, not derived by CR from previous version (8.0.0). This version NOT approved, due to unorthodox history of its creation.		
GP-12	20/12/2002	8 . 1 . 0	Created correctly by a CR to previous version.	<a href="#">get it</a>
GP-13	21/02/2003	8 . 2 . 0		<a href="#">get it</a>
GP-14	25/04/2003	8 . 3 . 0		<a href="#">get it</a>
TP-20	01/07/2003	8 . 4 . 0	late availability due to aesthetics check	<a href="#">get it</a>
TP-21	30/09/2003	8 . 5 . 0		<a href="#">get it</a>

---

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R99 *current version:* 8.10.0 *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, comments):*

smg-29	30/06/1999	8 . 0 . 0		<a href="#">get it</a>
smg-30	11/11/1999	8 . 1 . 0		<a href="#">get it</a>
smg-31	16/02/2000	8 . 2 . 0		<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-11	09/04/2001	8 . 5 . 0		<a href="#">get it</a>
TP-14	17/01/2002	8 . 6 . 0		<a href="#">get it</a>
TP-16	25/06/2002	8 . 7 . 0		<a href="#">get it</a>
TP-17	18/09/2002	8 . 8 . 0		<a href="#">get it</a>
TP-18	02/01/2003	8 . 9 . 0		<a href="#">get it</a>
Removal of	23/06/2003	8 . 9 . 1		<a href="#">get it</a>
comments in clause				
11				
TP-21	30/09/2003	8 . 10 . 0		<a href="#">get it</a>

*remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 421

04 December 2003 12:02:01

ACTIVE specs R99 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.13</b>	<b>Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card</b>				
R99	<i>current version:</i> 8.2.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LLOBREGAT, Fernando	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-06				
		G: yes U:	MCC:	DIETZE, Claus	
<i>history (event, available, version, comments):</i>					
	TP-17	18/09/2002	8 . 0 . 0	<a href="#">get it</a>	== v7.4.2
	TP-18	02/01/2003	8 . 1 . 0	<a href="#">get it</a>	
	TP-19	26/03/2003	8 . 2 . 0	<a href="#">get it</a>	
	replace Annex E with correct file	16/04/2003	8 . 2 . 1	<a href="#">get it</a>	
<i>remarks - general:</i>					
<i>remarks - this release:</i> No work on R99! TP-14: Resurrected as identical copy of R98 v7.4.1.					

---

<b>TS 11.14</b>	<b>Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface</b>				
R99	<i>current version:</i> 8.14.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> TP-06				
		G: yes U:	MCC:	DIETZE, Claus	
<i>history (event, available, version, comments):</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> TP-11to 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>	
	TP-18	02/01/2003	8 . 12 . 0	<a href="#">get it</a>	
	TP-19	26/03/2003	8 . 13 . 0	<a href="#">get it</a>	
	TP-20	23/06/2003	8 . 14 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 422

04 December 2003 12:02:01

ACTIVE specs R99 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.17</b>	<b>Subscriber Interface Module (SIM) test specification</b>								
R99	<i>current version:</i> 8.1.0		<i>WG (prime / other):</i> T3 / -		<i>rapporteur:</i> BREMNER, David				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version, comments):</i>		<i>G: yes</i> <i>U:</i>		<i>MCC:</i> DIETZE, Claus				
	TP-18 02/01/2003 8 . 0 . 0	Technically identical to v7.0.2		<a href="#">get it</a>	<i>remarks - general:</i>				
	TP-19 27/03/2003 8 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> May 00: R99 not anticipated. TP-18: R99 created.				
<hr/>									
<b>TS 11.21</b>	<b>Base Station System (BSS) equipment specification; Radio aspects</b>								
R99	<i>current version:</i> 8.9.0		<i>WG (prime / other):</i> G1 / -		<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-06		<i>G: yes</i> <i>U:</i>		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	smg-30b 06/12/1999 8 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-31 16/02/2000 8 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>				
	ETSI publication 22/08/2003 8 . 1 . 1			<a href="#">get it</a>					
	smg-31b 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>					
	GP-12 03/01/2003 8 . 7 . 0			<a href="#">get it</a>					
	GP-13 21/02/2003 8 . 8 . 0			<a href="#">get it</a>					
	GP-15 11/07/2003 8 . 9 . 0			<a href="#">get it</a>					
<hr/>									
<b>TS 11.26</b>	<b>Base Station System (BSS) equipment specification; Part 4: Repeaters</b>								
R99	<i>current version:</i> 8.0.2		<i>WG (prime / other):</i> G1 / -		<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-06		<i>G: yes</i> <i>U:</i>		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	smg-31b 17/04/2000 8 . 0 . 0	based on 5.2.1		<a href="#">get it</a>	<i>remarks - general:</i>				
	start of OAP 24/05/2000 8 . 0 . 1			<a href="#">get it</a>	<i>remarks - this release:</i>				
	ETSI publication 10/10/2000 8 . 0 . 2			<a href="#">get it</a>					

---

R99

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 access.

# 3GPP specification status

Page 423

04 December 2003 12:02:02

ACTIVE specs R99 12 .- series  
Server location: [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>					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06					
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	Upgrade to R99 19/04/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 12.04</b>	<b>Performance data measurements</b>					
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-06					
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	Upgrade to R99 19/04/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-16 28/06/2002 8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 12.21</b>	<b>Network Management (NM) procedures and messages on the A-bis interface</b>					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G1 / S5	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06		<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>	G: yes U:				
	GP-09 06/05/2002 8 . 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.			
<hr/>						
<b>TS 12.71</b>	<b>Location Services (LCS); Location services management</b>					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> SP-06		<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>	G: yes U:				
	draft 22/09/1999 0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> TSG#11:S5 will no longer maintain.			
	draft 18/10/1999 0 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i> TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.			
	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>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 424

04 December 2003 12:02:02

ACTIVE specs R99 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_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 21.101 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system**

R99 *current version:* 3.12.0  
*freeze\_meeting:* SP-07

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G:* *U:* yes *MCC:* POPE, Maurice

*history (event, available, version, comments):*

SP-05	13/10/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	2003-05: Title changed from "3rd Generation mobile system Release 1999
SP-06	17/12/1999	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	Specifications".
corrections		2 . 2 . 0			post SP-06
SP-07		2 . 3 . 0			SP-000037
SP-07		2 . 4 . 0			SP-000104
SP-07		2 . 5 . 0			
SP-07	17/03/2000	3 . 0 . 0	<a href="#">get it</a>		
editorial	30/03/2000	3 . 0 . 1	<a href="#">get it</a>		
post-SP-08	28/06/2000	3 . 1 . 0	<a href="#">get it</a>		
SP-10	04/01/2001	3 . 2 . 0	<a href="#">get it</a>		
SP-11	11/04/2001	3 . 3 . 0	<a href="#">get it</a>		
SP-12	05/07/2001	3 . 4 . 0	<a href="#">get it</a>		
SP-13	01/10/2001	3 . 5 . 0	<a href="#">get it</a>		
SP-14	03/01/2002	3 . 6 . 0	<a href="#">get it</a>		
SP-15	27/03/2002	3 . 7 . 0	<a href="#">get it</a>		
SP-16	19/06/2002	3 . 8 . 0	<a href="#">get it</a>		
SP-17	18/09/2002	3 . 9 . 0	<a href="#">get it</a>		
SP-18	03/01/2003	3 . 10 . 0	<a href="#">get it</a>		
SP-19	27/03/2003	3 . 11 . 0	<a href="#">get it</a>		
SP-20	25/06/2003	3 . 12 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 425

04 December 2003 12:02:02

ACTIVE specs R99 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

## TS 21.111 USIM and IC card requirements

R99 *current version:* 3.4.0  
*freeze\_meeting:* SP-03  
*history (event, available, version, comments):*  
draft 16/10/1998 0 . 0 . 1  
Transfer from smg9 04/03/1999 1 . 1 . 0  
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](#)

---

## TS 21.133 3G security; Security threats and requirements

R99 *current version:* 3.2.0  
*freeze\_meeting:* SP-03  
*history (event, available, version, comments):*  
draft 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

*WG (prime / other):* S3 / - *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB  
*G:* *U:* yes *MCC:* POPE, Maurice

[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  
*history (event, available, version, comments):*  
TP-08 23/06/2000 3 . 0 . 0

*WG (prime / other):* T2 / - *rapporteur:* PERSSON, Sofi TeliaSonera AB  
*G:* *U:* yes *MCC:* RODERMUND, Friedhelm

[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

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 426

04 December 2003 12:02:03

ACTIVE specs R99 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

## TR 21.900 Technical Specification Group working methods

R99 *current version:* 3.6.0  
*freeze\_meeting:* SP-03  
*history (event, available, version, comments):*

SP-03	23/04/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
SP-04	23/06/1999	3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
SP-05	13/10/1999	3 . 2 . 0	<a href="#">get it</a>	
SP-08	28/06/2000	3 . 3 . 0	<a href="#">get it</a>	
SP-09	04/10/2000	3 . 4 . 0	<a href="#">get it</a>	
SP-10	04/01/2001	3 . 5 . 0	<a href="#">get it</a>	
SP-11	11/04/2001	3 . 6 . 0	<a href="#">get it</a>	

WG (*prime / other*): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
G: yes U: yes *MCC:* POPE, Maurice

---

## TR 21.904 User Equipment (UE) capability requirements

R99 *current version:* 3.5.0  
*freeze\_meeting:* SP-07  
*history (event, available, version, comments):*

TP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
TP-04	18/06/1999	0 . 0 . 3	<a href="#">get it</a>	<i>remarks - this release:</i>
TP-05	08/10/1999	1 . 0 . 2	<a href="#">get it</a>	
TP-06	17/12/1999	1 . 1 . 0	<a href="#">get it</a>	
TP-07		2 . 0 . 0		TP-000026
TP-07	15/03/2000	3 . 0 . 0	<a href="#">get it</a>	
Editorial	30/03/2000	3 . 0 . 1	<a href="#">get it</a>	
TP-08	23/06/2000	3 . 1 . 0	<a href="#">get it</a>	
TP-09	16/10/2000	3 . 2 . 0	<a href="#">get it</a>	
TP-10	05/01/2001	3 . 3 . 0	<a href="#">get it</a>	
TP-13	03/10/2001	3 . 4 . 0	<a href="#">get it</a>	
TP-17	16/09/2002	3 . 5 . 0	<a href="#">get it</a>	

WG (*prime / other*): T2 / - *rapporteur:* SOOD, Prem SHARP Corporation  
G: U: yes *MCC:* RODERMUND, Friedhelm

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 427

04 December 2003 12:02:03

ACTIVE specs R99 21 .- series  
Server location: [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

R99 *current version:* 3.3.0 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

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	

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* PERSSON, Sofi TeliaSonera AB  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-03		0	1	0	
TP-04		0	2	0	
TP-05	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	

*remarks - general:* TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified title.  
*remarks - this release:* TSG#7: 2.0.0, but not approved. Number changed to 21.810. TSG#8: Re-instated with changed title and contents. TSG#8:3.0.0 (2.1.0)

[get it](#)  
[get it](#)  
[get it](#)

---

## TR 21.978 Feasibility Technical Report; CAMEL Control of VoIP Services

R99 *current version:* 3.0.0 *WG (prime / other):* N2 / - *rapporteur:* JURISIC, Andrijana  
*freeze\_meeting:* SP-07 *G:* yes *U:* yes *MCC:*

*history (event, available, version, comments):*

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	

*remarks - general:*  
*remarks - this release:*

[get it](#)  
[get it](#)  
[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)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 428

04 December 2003 12:02:03

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.001</b>	<b>Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)</b>						
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-07	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-06	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>	
	edito	18/01/2000	3 . 1 . 1		<a href="#">get it</a>		
	SP-07	17/03/2000	3 . 2 . 0		<a href="#">get it</a>		
<hr/>							
<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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</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>		
<hr/>							
<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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</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>		
<hr/>							
<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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 429

04 December 2003 12:02:04

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.011 Service accessibility</b> R99 <i>current version:</i> 3.8.0 <i>freeze_meeting:</i> SP-05 <i>history (event, available, version, comments):</i> txferd to 3GPP 01/06/2000 3 . 0 . 0 SP-05 30/10/1999 3 . 0 . 1 SP-06 17/12/1999 3 . 1 . 1 SP-07 17/03/2000 3 . 2 . 0 SP-09 18/10/2000 3 . 3 . 0 SP-11 02/04/2001 3 . 4 . 0 SP-12 27/06/2001 3 . 5 . 0 SP-14 10/01/2002 3 . 6 . 0 SP-15 25/03/2002 3 . 7 . 0 SP-17 17/09/2002 3 . 8 . 0	<i>WG (prime / other):</i> S1 / - <i>G: yes U: yes</i>	<i>rapporteur:</i> GALLAIRE, Jean Paul France Telecom <i>MCC:</i> CLAYTON, Michael
	<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4 <a href="#">get it</a> <i>remarks - this release:</i> <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>	

---

<b>TS 22.016 International Mobile Equipment Identities (IMEI)</b> R99 <i>current version:</i> 3.3.0 <i>freeze_meeting:</i> SP-05 <i>history (event, available, version, comments):</i> SP-05 13/10/1999 3 . 0 . 1 SP-06 17/12/1999 3 . 1 . 0 SP-08 28/06/2000 3 . 2 . 0 SP-16 04/07/2002 3 . 3 . 0	<i>WG (prime / other):</i> S1 / - <i>G: yes U: yes</i>	<i>rapporteur:</i> KOKKOLA, Tommi NOKIA Corporation <i>MCC:</i> CLAYTON, Michael
	<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4 <a href="#">get it</a> <i>remarks - this release:</i> <a href="#">get it</a> <a href="#">get it</a>	

---

<b>TS 22.022 Personalisation of Mobile Equipment (ME); Mobile functionality specification</b> R99 <i>current version:</i> 3.2.1 <i>freeze_meeting:</i> SP-05 <i>history (event, available, version, comments):</i> SP-05 13/10/1999 3 . 0 . 1 SP-08 28/06/2000 3 . 1 . 0 difficulty in implementing CR SP-16 19/06/2002 3 . 2 . 0 edito post SP-16 24/06/2002 3 . 2 . 1 corrects change history	<i>WG (prime / other):</i> S3 / - <i>G: yes U: yes</i>	<i>rapporteur:</i> NGUYEN NGOC, France Telecom Sebastien <i>MCC:</i> POPE, Maurice
	<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4 <a href="#">get it</a> <i>remarks - this release:</i> <a href="#">get it</a> <a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 430

04 December 2003 12:02:04

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.024</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, comments):</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, comments):</i> SP-05 30/10/1999 3 . 0 . 0 SP-05 30/10/1999 3 . 1 . 0 SP-06 17/12/1999 3 . 2 . 0 SP-07 17/03/2000 3 . 3 . 0 SP-09 18/10/2000 3 . 4 . 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>	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i>	
<hr/>						
<b>TS 22.031</b>	<b>Fraud Information Gathering System (FIGS); 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-18	G: yes U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i> SP-18 06/01/2003 3 . 0 . 0 Technically identical to 02.31 v8.0.1.			<a href="#">get it</a>	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5 <i>remarks - this release:</i> Created from 02.31 R99. -> 22.031.	
<hr/>						
<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, comments):</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.	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 431

04 December 2003 12:02:04

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.034</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, comments):</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>				
<hr/>						
<b>TS 22.038</b>	<b>USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1</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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-05 30/10/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-07 17/03/2000 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>				
	SP-20 18/06/2003 3 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 22.041</b>	<b>Operator Determined Call Barring</b>					
R99	<i>current version:</i> 3.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-05 13/10/1999 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-10 08/01/2001 3 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-11 02/04/2001 3 . 3 . 0	<a href="#">get it</a>				
	edito 26/04/2001 3 . 3 . 1	<a href="#">get it</a>				
<hr/>						
<b>TS 22.042</b>	<b>Network Identity and Time Zone (NITZ) service description; Stage 1</b>					
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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> CR to 3.0.1 not aprvd.			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 432

04 December 2003 12:02:05

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.057</b>	<b>Mobile Execution Environment (MExE) service description; Stage 1</b>						
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-05 25/10/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution				
	edito 25/10/1999 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> . Environment (MExE); Stage 1".				
<hr/>							
<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, comments):</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, comments):</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, comments):</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> .				

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 433

04 December 2003 12:02:05

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

<b>TS 22.071</b>	<b>Location Services (LCS); Stage 1</b>				
R99	<i>current version:</i> 3.4.0	WG (prime / other):	S1 / -	<i>rapporteur:</i>	WOHLERT, Randolph SBC Communications Inc.
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael
	<i>history (event, available, version, comments):</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>			
<b>TS 22.072</b>	<b>Call Deflection (CD); Stage 1</b>				
R99	<i>current version:</i> 3.0.1	WG (prime / other):	S1 / -	<i>rapporteur:</i>	RAUCH, Horst T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael
	<i>history (event, available, version, comments):</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>	.
<b>TS 22.078</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1</b>				
R99	<i>current version:</i> 3.9.0	WG (prime / other):	S1 / -	<i>rapporteur:</i>	GRECH, Michel Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael
	<i>history (event, available, version, comments):</i>				
	SP-05 13/10/1999 3 . 1 . 0	<a href="#">get it</a>		<i>remarks - general:</i>	
	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>			
	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>			
<b>TS 22.079</b>	<b>Support of optimal routing; Stage 1</b>				
R99	<i>current version:</i> 3.0.1	WG (prime / other):	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael EMCOM Ltd
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael
	<i>history (event, available, version, comments):</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>	.

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 434

04 December 2003 12:02:05

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.081</b>	<b>Line Identification supplementary services; Stage 1</b>					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> AHNBERG, Tomas		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-05	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-08 28/06/2000 3 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<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	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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> .			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 435

04 December 2003 12:02:06

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.086</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, comments):</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>				
<hr/>							
<b>TS 22.087</b>	<b>User-to-user signalling (UUS); Stage 1</b>						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BRADEN, Christian	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4				
	3.0.1, but should have been 3.1.0 to include a CR wrongly attributed to 22.086.		<i>remarks - this release:</i>				
	incorporation of 01/02/2000 3 . 1 . 0	<a href="#">get it</a>					
	lost CR from SP-05						
<hr/>							
<b>TS 22.088</b>	<b>Call Barring (CB) supplementary services; Stage 1</b>						
R99	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4				
	edito 27/11/2000 3 . 0 . 2	<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>						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-05 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>				
<hr/>							
<b>TS 22.091</b>	<b>Explicit Call Transfer (ECT) supplementary service; 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, comments):</i>						
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4				
	SP-09 18/10/2000 3 . 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 access.

# 3GPP specification status

Page 436

04 December 2003 12:02:06

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

**TS 22.093 Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1**

R99 *current version:* 3.0.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
SP-05 13/10/1999 3 . 0 . 1

[get it](#) *remarks - general:* Transfer>TSG#4  
*remarks - this release:* .

---

**TS 22.094 Follow Me service description - Stage 1**

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, comments):*  
SP-06 17/12/1999 3 . 1 . 0

[get it](#) *remarks - general:* Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to  
*remarks - this release:* Transfer>TSG#6; Anticipate that v3.y.z will be withdrawn. Apr2001: Unwithdrawn. scrap

02,94 R99 in favour of a common GSM/UMTS spec, 22.094.

August 2001: still debating whether this is GSM-only or common.

---

**TS 22.096 Name identification supplementary services; Stage 1**

R99 *current version:* 3.0.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
SP-05 13/10/1999 3 . 0 . 1

[get it](#) *remarks - general:* Transfer>TSG#4  
*remarks - this release:* .

---

**TS 22.097 Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1**

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, comments):*  
SP-05 13/10/1999 3 . 1 . 0  
SP-09 18/10/2000 3 . 2 . 0

[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 access.

# 3GPP specification status

Page 437

04 December 2003 12:02:06

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

## TS 22.100 UMTS Phase 1

R99 *current version:* 3.7.0

*freeze\_meeting:* SP-03

*history (event, available, version, comments):*

draft	16/09/1998	0	.	1	.	0
draft	16/10/1998	1	.	0	.	0
WG approval	01/02/1999	2	.	0	.	0
SP-03	23/04/1999	3	.	0	.	0
SP-03	23/04/1999	3	.	2	.	0
SP-04	23/06/1999	3	.	3	.	0
SP-05	13/10/1999	3	.	4	.	0
SP-06	17/12/1999	3	.	5	.	0
SP-07	15/03/2000	3	.	6	.	0
SP-13	05/10/2001	3	.	7	.	0

*WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom  
*G:* *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 22.101 Service aspects; Service principles

R99 *current version:* 3.15.0

*freeze\_meeting:* SP-03

*history (event, available, version, comments):*

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
SP-20	18/06/2003	3	.	14	.	0
SP-21	30/09/2003	3	.	15	.	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](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 438

04 December 2003 12:02:07

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

## TS 22.105 Services and service capabilities

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-03

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom

G: U: yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

First complete draft	13/06/1997	1	.	0	.	0
draft	19/12/1997	1	.	4	.	1
WG approval	15/02/1998	2	.	0	.	0
smg-25	20/03/1998	3	.	0	.	0
smg-26	20/06/1998	3	.	1	.	0
smg-28	15/02/1999	3	.	2	.	0
SP-03	23/04/1999	3	.	4	.	0
SP-04	23/06/1999	3	.	5	.	0
SP-05	13/10/1999	3	.	6	.	0
SP-06	17/12/1999	3	.	7	.	0
SP-07	15/03/2000	3	.	8	.	0
SP-08	28/06/2000	3	.	9	.	0
SP-10	08/01/2001	3	.	10	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## 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, comments):*

First complete draft	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](#)

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 439

04 December 2003 12:02:07

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

## TR 22.121 Service aspects; The Virtual Home Environment; Stage 1

R99 *current version:* 3.3.1 *WG (prime / other):* S1 / - *rapporteur:* OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*  
OSP parts 04/03/1999 0 . 0 . 0 [get it](#) *remarks - general:* Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage  
extracted from 22,121 v3,2,0 *remarks - this release:* 1". SP-16: converted from TS to TR.

draft 04/04/1999 0 . 1 . 0 [get it](#)  
SP-04 23/06/1999 3 . 0 . 0 [get it](#)  
SP-05 13/10/1999 3 . 1 . 0 [get it](#)  
SP-07 15/03/2000 3 . 2 . 0 [get it](#)  
SP-08 28/06/2000 3 . 3 . 0 [get it](#)  
SP-16 19/07/2002 3 . 3 . 1 [get it](#) Converted from TS to TR.

---

## TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems

R99 *current version:* 3.6.0 *WG (prime / other):* S1 / - *rapporteur:* SAMPSON, Nick ORANGE PCS LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*  
Start of work 04/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
Table of Contents 04/03/1999 0 . 1 . 0 [get it](#) *remarks - this release:*  
and Scope

First complete draft 22/04/1999 1 . 0 . 0 [get it](#)  
SP-03 23/01/1999 1 . 2 . 0 [get it](#)  
SP-03 23/04/1999 3 . 0 . 0 [get it](#)  
SP-05 13/10/1999 3 . 1 . 0 [get it](#)  
SP-06 17/12/1999 3 . 2 . 0 [get it](#)  
SP-08 28/06/2000 3 . 3 . 0 [get it](#)  
SP-09 18/10/2000 3 . 4 . 0 [get it](#)  
SP-10 08/01/2001 3 . 5 . 0 [get it](#)  
SP-14 10/01/2002 3 . 6 . 0 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 440

04 December 2003 12:02:07

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

## TS 22.135 Multicall; Service description; Stage 1

R99 *current version:* 3.4.0

*freeze\_meeting:* SP-06

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation

*G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

Start of work 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](#)

---

## TS 22.140 Multimedia Messaging Service (MMS); Stage 1

R99 *current version:* 3.1.0

*freeze\_meeting:* SP-06

*WG (prime / other):* S1 / - *rapporteur:* LAUMEN, Josef SIEMENS AG

*G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-03 23/04/1999 0 . 0 . 0

SP-05 08/10/1999 1 . 0 . 0

SP-06 17/12/1999 2 . 0 . 0

SP-08 28/06/2000 3 . 1 . 0

[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

*WG (prime / other):* T2 / NP *rapporteur:* COLBAN, Erik ERICSSON AS

*G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-03 28/04/1999 1 . 0 . 0

TP-05 08/10/1999 3 . 0 . 0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 441

04 December 2003 12:02:08

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

## TR 22.971 Automatic establishment of roaming relationships

R99 *current version:* 3.1.1  
*freeze\_meeting:* SP-03

*WG (prime / other):* S1 / - *rapporteur:* MONTEGROSSO, Emanuele TELECOM ITALIA S.p.A.  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

Table of Contents and Scope	19/10/1997	0	0	1
First complete draft	19/12/1997	1	1	1
WG approval	15/02/1998	2	0	0
smg-25	20/03/1998	3	0	0
SP-03	23/04/1999	3	1	1

[get it](#) *remarks - general:*  
*remarks - this release:* .  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TR 22.975 Advanced addressing

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-03

*WG (prime / other):* S1 / - *rapporteur:* KLEIER, Stephan Vodafone D2 GmbH  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

Table of Contents and Scope	17/10/1997	0	1	0
First complete draft	19/12/1997	1	0	0
WG approval	15/02/1998	2	0	0
smg-25	20/03/1998	3	0	0
SP-03	23/04/1999	3	0	1
SP-05	13/10/1999	3	1	0

[get it](#) *remarks - general:*  
*remarks - this release:* .  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

R99

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 access.

# 3GPP specification status

Page 442

04 December 2003 12:02:08

ACTIVE specs 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:	YOON, Sang-Ui	
	history (event, available, version, comments):					
	SP-05 13/10/1999			<a href="#">get it</a>	remarks - general:	Transfer>TSG#4,CR at TSG#5
	SP-06 17/12/1999			<a href="#">get it</a>	remarks - this release:	
	SP-07 15/03/2000			<a href="#">get it</a>		
	SP-10 21/12/2000			<a href="#">get it</a>		
	SP-14 07/01/2002			<a href="#">get it</a>		
	SP-17 24/09/2002			<a href="#">get it</a>		

---

<b>TS 23.003</b>	<b>Numbering, Addressing and Identification</b>					
R99	current version: 3.13.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE LTD
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, comments):					
	NP-03 23/04/1999			<a href="#">get it</a>	remarks - general:	
	NP-04 23/06/1999			<a href="#">get it</a>	remarks - this release:	
	NP-05 13/10/1999			<a href="#">get it</a>		
	NP-06 15/12/1999			<a href="#">get it</a>		
	NP-07 15/03/2000			<a href="#">get it</a>		
	edito 17/05/2000			<a href="#">get it</a>		
	NP-08 28/06/2000			<a href="#">get it</a>		
	NP-09 26/10/2000			<a href="#">get it</a>		
	NP-10 21/12/2000			<a href="#">get it</a>		
	NP-11 02/04/2001			<a href="#">get it</a>		
	NP-12 27/06/2001			<a href="#">get it</a>		
	NP-16 21/06/2002			<a href="#">get it</a>		
	NP-17 17/09/2002			<a href="#">get it</a>		
	NP-20 27/06/2003			<a href="#">get it</a>		
	NP-21 09/10/2003			<a href="#">get it</a>		

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 443

04 December 2003 12:02:08

ACTIVE specs R99 23 .- series  
Server location: [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, comments):*  
NP-03 23/04/1999 3 . 0 . 0  
NP-04 23/06/1999 3 . 1 . 0  
NP-05 13/10/1999 3 . 1 . 3  
NP-06 15/12/1999 3 . 2 . 0  
NP-07 15/03/2000 3 . 3 . 0  
NP-08 28/06/2000 3 . 4 . 0  
NP-16 21/06/2002 3 . 5 . 0

*WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 23.008 Organisation of subscriber data

R99 *current version:* 3.8.0  
*freeze\_meeting:* SP-03  
*history (event, available, version, comments):*  
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  
NP-20 27/06/2003 3 . 8 . 0

*WG (prime / other):* N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 444

04 December 2003 12:02:09

ACTIVE specs R99 23 .- series  
Server location: [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:* 3.14.0

*freeze\_meeting:* SP-03

*WG (prime / other):* N1 / N4 *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

*G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

NP-03	23/04/1999	3	.	0	.	0
NP-06	17/12/1999	3	.	1	.	0
NP-07	15/03/2000	3	.	2	.	0
edito (SDLs	16/05/2000	3	.	2	.	1
beautified)						
NP-08	23/06/2000	3	.	3	.	0
NP-09	06/10/2000	3	.	4	.	0
NP-10	03/01/2001	3	.	5	.	0
NP-11	11/04/2001	3	.	6	.	0
NP-12	06/07/2001	3	.	7	.	0
NP-13	05/10/2001	3	.	8	.	0
NP-14	08/01/2002	3	.	9	.	0
NP-16	20/06/2002	3	.	10	.	0
NP-17	17/09/2002	3	.	11	.	0
NP-18	02/01/2003	3	.	12	.	0
NP-19	24/03/2003	3	.	13	.	0
NP-20	27/06/2003	3	.	14	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[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

*G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-03	23/04/1999	3	.	0	.	0
edito	06/06/2000	3	.	0	.	1
NP-09	26/10/2000	3	.	1	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 445

04 December 2003 12:02:09

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.012 Location management procedures

R99 *current version:* 3.3.0  
*freeze\_meeting:* SP-03  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0  
NP-06 15/12/1999 3 . 1 . 0  
NP-07 15/03/2000 3 . 2 . 0  
CR 23.012-003r3 05/06/2000 3 . 2 . 1  
removed (error)  
NP-08 23/06/2000 3 . 3 . 0

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

R99 *current version:* 3.2.0  
*freeze\_meeting:* SP-03  
*history (event, available, version, comments):*  
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 realization of Operator Determined Barring (ODB)

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-03  
*history (event, available, version, comments):*  
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:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 446

04 December 2003 12:02:09

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.016 Subscriber data management; Stage 2

R99 *current version:* 3.9.0

*freeze\_meeting:* SP-03

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software

*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-03	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

[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 23.018 Basic Call Handling; Technical realization

R99 *current version:* 3.12.0

*freeze\_meeting:* SP-03

*WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD

*G: yes U: yes* *MCC:* Chalmers  
KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	15/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	25/10/2000	3	.	6	.	0
NP-11	06/04/2001	3	.	7	.	0
NP-12	04/07/2001	3	.	8	.	0
NP-13	03/10/2001	3	.	9	.	0
NP-14	16/01/2002	3	.	10	.	0
NP-15	28/03/2002	3	.	11	.	0
NP-19	04/04/2003	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](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 447

04 December 2003 12:02:10

ACTIVE specs 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 23.031</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 2</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-18					
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-18 06/01/2003 3 . 0 . 0	Technically identical to 03.31 v8.0.0	<a href="#">get it</a>	<i>remarks - general:</i>	SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5	
				<i>remarks - this release:</i>	Created from 03.31 R99. -> 23.031.	

---

<b>TS 23.032</b>	<b>Universal Geographical Area Description (GAD)</b>					
R99	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-03 23/04/1999 3 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	S2 responsibility?	
	SP-07 15/03/2000 3 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	SP-18 07/01/2003 3 . 2 . 0		<a href="#">get it</a>			
	edito post SP-18 to 10/01/2003 3 . 2 . 1		<a href="#">get it</a>			
	correct figures					

---

<b>TS 23.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 2</b>					
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	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 . 1 . 1		<a href="#">get it</a>			
	NP-07 15/03/2000 3 . 2 . 0		<a href="#">get it</a>			
	NP-10 02/01/2001 3 . 3 . 0		<a href="#">get it</a>			

---

<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>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</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 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.	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 448

04 December 2003 12:02:10

ACTIVE specs R99 23 .- series  
Server location: [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

R99 *current version:* 3.3.0

*freeze\_meeting:* SP-04

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

*G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-03 28/04/1999 1 . 0 . 0

TP-04 23/06/1999 3 . 1 . 0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* additional CR for R99 on SMS enhanced message content expected at TSG-T#7. No, evidently not.

TP-05 08/10/1999 3 . 2 . 0

[get it](#)

TP-06 17/12/1999 3 . 3 . 0

[get it](#)

---

## TR 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R99 *current version:* 3.2.0

*freeze\_meeting:* SP-04

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

*G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-03 28/04/1999 1 . 0 . 0

TP-04 23/06/1999 3 . 0 . 0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

TP-06 completed 17/12/1999 3 . 1 . 0

[get it](#)

TP-09 04/10/2000 3 . 2 . 0

[get it](#)

---

## TS 23.040 Technical realization of Short Message Service (SMS)

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-04

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

*G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-03 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

TP-20 25/06/2003 3 . 10 . 0

[get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 449

04 December 2003 12:02:10

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 *current version:* 3.5.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-03	23/04/1999	0	0	0	<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4
TP-05	08/10/1999	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-07 completion target	15/03/2000	3	2	0	<a href="#">get it</a>
TP-09	11/10/2000	3	3	0	<a href="#">get it</a>
TP-12	04/07/2001	3	4	0	<a href="#">get it</a>
TP-16	25/06/2002	3	5	0	<a href="#">get it</a>

---

## TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-03	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> 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.
TP-06	17/12/1999	3	1	0	<a href="#">get it</a> test vectors provided 23/01/200

---

## TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

R99 *current version:* 3.4.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd  
*freeze\_meeting:* SP-06 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-03	28/04/1999	1	0	0	<a href="#">get it</a> <i>remarks - general:</i> Apr-2001: " Station Application" removed from title.
TP-04 (MExE R98 GSM 03.57)	18/06/1999	1	1	0	<a href="#">get it</a> <i>remarks - this release:</i>
TP-05	08/10/1999	1	5	0	<a href="#">get it</a>
TP-06 completed	17/12/1999	3	0	0	<a href="#">get it</a>
TP-07	15/03/2000	3	1	0	<a href="#">get it</a>
Editorial	15/03/2000	3	1	1	<a href="#">get it</a>
TP-08	23/06/2000	3	2	0	<a href="#">get it</a>
TP-09	16/10/2000	3	3	0	<a href="#">get it</a>
TP-11	14/10/2003	3	4	0	<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 450

04 December 2003 12:02:11

ACTIVE specs R99 23 .- series  
Server location: [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:* 3.15.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

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>	
SP-18	10/01/2003	3 . 14 . 0	<a href="#">get it</a>	
SP-20	20/06/2003	3 . 15 . 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, comments):*

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 Pre-emption Service (eMLPP); Stage 2

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-03	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 access.

# 3GPP specification status

Page 451

04 December 2003 12:02:11

ACTIVE specs R99 23 .- series  
Server location: [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

WG (prime / other): N4 / - rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version, comments):

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

[get it](#) remarks - general:

[get it](#) remarks - this release: .

[get it](#)

[get it](#)

---

## TS 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

R99 current version: 3.18.0

freeze\_meeting: SP-03

WG (prime / other): N2 / - rapporteur: HOMANN, Christian ALCATEL SEL AG

G: yes U: yes MCC: JURISIC, Andrijana

history (event, available, version, comments):

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	17/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	09/10/2000	3	.	6	.	0
NP-10	04/01/2001	3	.	7	.	0
NP-11	02/04/2001	3	.	8	.	0
NP-12	29/06/2001	3	.	9	.	0
NP-13	03/10/2001	3	.	10	.	0
NP-14	04/01/2002	3	.	11	.	0
NP-15	19/03/2002	3	.	12	.	0
NP-16	17/06/2002	3	.	13	.	0
NP-17	17/09/2002	3	.	14	.	0
NP-18	18/12/2002	3	.	15	.	0
NP-19	25/03/2003	3	.	16	.	0
NP-20	23/06/2003	3	.	17	.	0
NP-21	29/09/2003	3	.	18	.	0

[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](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 452

04 December 2003 12:02:12

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.079 Support of Optimal Routing (SOR); Technical realization; Stage 2

R99 *current version:* 3.8.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-03	23/04/1999	3	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	CR at TSG#4,CR at TSG#5
NP-04	23/06/1999	3	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	
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>		
NP-08	23/06/2000	3	.	5	.	0	<a href="#">get it</a>		
NP-09	26/10/2000	3	.	6	.	0	<a href="#">get it</a>		
NP-16	21/06/2002	3	.	7	.	0	<a href="#">get it</a>		
NP-18	07/01/2003	3	.	8	.	0	<a href="#">get it</a>		

---

## TS 23.081 Line Identification supplementary services; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-03	23/04/1999	3	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
edito	06/06/2000	3	.	0	.	1	<a href="#">get it</a>	<i>remarks - this release:</i>	
NP-08	23/06/2000	3	.	1	.	0	<a href="#">get it</a>		
NP-17	24/09/2002	3	.	2	.	0	<a href="#">get it</a>		

---

## TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-03	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-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>		
NP-10	21/12/2000	3	.	5	.	0	<a href="#">get it</a>		
NP-12	27/06/2001	3	.	6	.	0	<a href="#">get it</a>		
NP-16	21/06/2002	3	.	7	.	0	<a href="#">get it</a>		

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 453

04 December 2003 12:02:12

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*  
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

---

## TS 23.084 MultiParty (MPTY) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*  
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

---

## TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*  
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

---

## TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*  
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 454

04 December 2003 12:02:12

ACTIVE specs R99 23 .- series  
Server location: [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 Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*  
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

---

**TS 23.088 Call Barring (CB) Supplementary Service; Stage 2**

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
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, comments):*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*  
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

---

**TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2**

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
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 access.

# 3GPP specification status

Page 455

04 December 2003 12:02:13

ACTIVE specs 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 23.093</b>	<b>Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2</b>					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	NP-06 17/12/1999 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	NP-09 26/10/2000 3 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 23.094</b>	<b>Follow Me Stage 2</b>					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-06 17/12/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5			
	NP-07 15/03/2000 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> Transfer>TSG#6.			
	NP-09 26/10/2000 3 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 23.096</b>	<b>Name Identification Supplementary Service; Stage 2</b>					
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	edito 06/06/2000 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>						
<b>TS 23.097</b>	<b>Multiple Subscriber Profile (MSP) Phase 1; Stage 2</b>					
R99	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5			
	NP-06 17/12/1999 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	NP-07 15/03/2000 3 . 1 . 1	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 456

04 December 2003 12:02:13

ACTIVE specs 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 23.101</b>	<b>General UMTS Architecture</b>						
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OLSSON, Magnus	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-04		<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>		<i>U:</i> yes				
	First complete draft	13/06/1997	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	Transfer to SP SA	04/03/1999	0 . 1 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>		
	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>			

---

<b>TS 23.107</b>	<b>Quality of Service (QoS) concept and architecture</b>						
R99	<i>current version:</i> 3.9.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GREIS, Marc	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-05		<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>		<i>U:</i> yes				
	SP-05	13/10/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 23.907		
	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>			
	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>			

---

<b>TS 23.108</b>	<b>Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)</b>						
R99	<i>current version:</i> 3.2.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S		
	<i>freeze_meeting:</i> SP-04		<i>G:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>		<i>U:</i> yes				
	NP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> This is clause 7 from 04.08 ex R98.		
	NP-05	13/10/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	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 access.

# 3GPP specification status

Page 457

04 December 2003 12:02:13

ACTIVE specs R99 23 .- series  
Server location: [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:* YOON, Sang-Ui

*history (event, available, version, comments):*

draft	15/02/1997	0	.	3	.	0
Transfer to SP S2	04/03/1999	0	.	3	.	1
SP-03	23/04/1999	3	.	1	.	0
SP-05	13/10/1999	3	.	2	.	0
SP-06	17/12/1999	3	.	3	.	0
SP-07	15/03/2000	3	.	4	.	0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 23.116 Super-Charger technical realization; Stage 2

R99 *current version:* 3.2.0

*freeze\_meeting:* SP-07

*WG (prime / other):* N4 / - *rapporteur:* ALLEN, Nicholas

Indicate persons who left Company and wait for new One

*G: yes U: yes*

*MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-04	30/04/1999	0	.	0	.	0
NP-06	17/12/1999	1	.	0	.	0
NP-07	15/03/2000	3	.	0	.	0
NP-12	27/06/2001	3	.	1	.	0
NP-14	10/01/2002	3	.	2	.	0

[get it](#) *remarks - general:* New after TSG#5

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 23.119 Gateway Location Register (GLR); Stage2

R99 *current version:* 3.0.0

*freeze\_meeting:* SP-07

*WG (prime / other):* N4 / - *rapporteur:* SAWADA, Masahiro NTT DoCoMo Inc.

*G: yes U: yes*

*MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

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](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 458

04 December 2003 12:02:14

ACTIVE specs R99 23 .- series  
Server location: [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:* YOON, Sang-Ui

*history (event, available, version, comments):*

First complete draft	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:* 3.10.0

*freeze\_meeting:* SP-03

*WG (prime / other):* N1 / -

*rapporteur:* HIETALAHTI, Hannu NOKIA Corporation

*G:* *U:* yes

*MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
editorial correction	10/02/2000	3	.	1	.	1
NP-07	15/03/2000	3	.	2	.	0
NP-08	23/06/2000	3	.	3	.	0
NP-09	06/10/2000	3	.	4	.	0
edito	24/10/2000	3	.	4	.	1
edito	02/11/2000	3	.	4	.	2
NP-10	02/01/2001	3	.	5	.	0
NP-11	11/04/2001	3	.	6	.	0
NP-12	05/07/2001	3	.	7	.	0
NP-17	17/09/2002	3	.	8	.	0
NP-18	18/12/2002	3	.	9	.	0
NP-21	10/10/2003	3	.	10	.	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.

[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 access.

# 3GPP specification status

Page 459

04 December 2003 12:02:14

ACTIVE specs R99 23 .- series  
Server location: [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, Christophe ERICSSON RESEARCH CANADA  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

SP-05	13/10/1999	0 . 3 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Sept 00: "Open Service Architecture" removed from title.
SP-07		2 . 0 . 0		<i>remarks - this release:</i>	
SP-07	17/12/1999	3 . 0 . 0	<a href="#">get it</a>		
SP-08	28/06/2000	3 . 1 . 0	<a href="#">get it</a>		
SP-09	06/11/2000	3 . 2 . 0	<a href="#">get it</a>		
SP-10	21/12/2000	3 . 3 . 0	<a href="#">get it</a>		
SP-12	29/06/2001	3 . 4 . 0	<a href="#">get it</a>		

---

## TS 23.135 Multicall supplementary service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-07	15/03/2000	1 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
NP-07	15/03/2000	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
NP-08	23/06/2000	3 . 1 . 0	<a href="#">get it</a>		
NP-09	25/10/2000	3 . 2 . 0	<a href="#">get it</a>		

---

## 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, comments):*

TP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	2003-12-03: Note that this spec also contains stage 3.
TP-05	08/10/1999	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
TP-06	17/12/1999	1 . 0 . 0	<a href="#">get it</a>		
TP-07	15/03/2000	2 . 0 . 0	<a href="#">get it</a>		
Editorial	15/03/2000	3 . 0 . 1	<a href="#">get it</a>		
TP-16	24/06/2002	3 . 1 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 460

04 December 2003 12:02:14

ACTIVE specs R99 23 .- series  
Server location: [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:* 3.10.0 *WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

SP-05	13/10/1999	1	.	0	.	0	
SP-06	17/12/1999	1	.	1	.	0	
SP-07		2	.	0	.	0	SP-000090
SP-07	15/03/2000	3	.	0	.	0	
SP-08	28/06/2000	3	.	1	.	0	
SP-10	21/12/2000	3	.	2	.	0	
SP-11	11/04/2001	3	.	3	.	0	
SP-12	29/06/2001	3	.	4	.	0	
SP-13	15/10/2001	3	.	5	.	0	
SP-14	07/01/2002	3	.	6	.	0	
SP-15	29/03/2002	3	.	7	.	0	
SP-16	18/06/2002	3	.	8	.	0	
SP-17	24/09/2002	3	.	9	.	0	
SP-20	23/06/2003	3	.	10	.	0	

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

## 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, comments):*

NP-05	08/10/1999	0	.	0	.	0	
NP-06	17/12/1999	3	.	0	.	0	
editorial (!)	24/01/2000	3	.	1	.	0	

[get it](#) *remarks - general:* New after TSG#5  
[get it](#) *remarks - this release:* TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.  
[get it](#)

---

## TR 23.908 Technical report on Pre-Paging

R99 *current version:* 3.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-04 *G:* yes U: yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-03	23/04/1999	0	.	0	.	0	
NP-04	23/06/1999	3	.	0	.	0	
edito	02/05/2000	3	.	0	.	1	

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 461

04 December 2003 12:02:15

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

**TR 23.909 Technical report on the Gateway Location Register**

R99 *current version:* 3.0.1  
*freeze\_meeting:* SP-04

*WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
Chalmers  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-03	23/04/1999	0	0	0
NP-04	23/06/1999	3	0	0
edito	03/05/2000	3	0	1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)

---

**TR 23.910 Circuit switched data bearer services**

R99 *current version:* 3.6.0  
*freeze\_meeting:* SP-07

*WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*G: U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

NP-04	23/06/1999	0	0	0
NP-05	13/10/1999	0	1	0
NP-06	17/12/1999	1	0	0
NP-07		2	0	0
NP-07	15/03/2000	3	0	0
NP-08	23/06/2000	3	1	0
NP-09	18/10/2000	3	2	0
NP-10	22/12/2000	3	3	0
NP-11	06/04/2001	3	4	0
NP-12	28/06/2001	3	5	0
NP-17	17/09/2002	3	6	0

[get it](#) *remarks - general:* 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)  
[get it](#) *remarks - this release:*  
[get it](#)

---

**TR 23.911 Technical report on Out-of-band transcoder control**

R99 *current version:* 3.0.1  
*freeze\_meeting:* SP-05

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

Creation of WI by	13/10/1999	0	0	1
WG/TB				
NP-05	13/10/1999	3	0	0
edito	02/05/2000	3	0	1

[get it](#) *remarks - general:*  
*remarks - this release:* .  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 462

04 December 2003 12:02:15

ACTIVE specs R99 23 .- series  
Server location: [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	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	Creation of WI by	13/10/1999	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>	
	WG/TB				<i>remarks - this release:</i>	
	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	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HUBBARD, Elisabeth	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-03	23/04/1999	0 . 5 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-04	23/06/1999	0 . 6 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	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 23.930</b>	<b>Iu Principles</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND		
	<i>freeze_meeting:</i> SP-04	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	Table of Contents	15/11/1997	0 . 1 . 1	<a href="#">get it</a>	<i>remarks - general:</i>	
	and Scope				<i>remarks - this release:</i>	
	First complete draft	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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 463

04 December 2003 12:02:16

ACTIVE specs R99 23 .- series  
Server location: [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, Rouzbeh Ericsson Incorporated

*G:* U: yes *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

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](#)

[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:* 3.1.1

*freeze\_meeting:* SP-07

*WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov

*G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

NP-07	17/03/2000	3	.	0	.	0
NP-10	02/01/2001	3	.	1	.	0
correction of typo on cover page	02/06/2003	3	.	1	.	1

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 464

04 December 2003 12:02:16

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

## TS 24.007 Mobile radio interface signalling layer 3; General Aspects

R99 *current version:* 3.9.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

transfer from SMG 3 . 0 . 0 not available

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

*WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*G: yes U: yes* *MCC:* JORGENSEN, Per Johan

*remarks - general:* Transfer>TSG#4,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](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 465

04 December 2003 12:02:16

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

## TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3

R99 *current version:* 3.17.0 *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, comments):*

NP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-04	23/06/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
NP-05	13/10/1999	3 . 1 . 0	<a href="#">get it</a>	
NP-06	27/12/1999	3 . 2 . 0	<a href="#">get it</a>	
editorial correction	04/01/2000	3 . 2 . 1	<a href="#">get it</a>	
NP-07	15/03/2000	3 . 3 . 0	<a href="#">get it</a>	
edito	25/04/2000	3 . 3 . 1	<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	06/10/2000	3 . 5 . 0	<a href="#">get it</a>	
NP-10	03/01/2001	3 . 6 . 0	<a href="#">get it</a>	
NP-11	06/04/2001	3 . 7 . 0	<a href="#">get it</a>	
edito	06/07/2001	3 . 7 . 1	<a href="#">get it</a>	
NP-12	13/07/2001	3 . 8 . 0	<a href="#">get it</a>	
NP-13	03/10/2001	3 . 9 . 0	<a href="#">get it</a>	
NP-14	11/01/2002	3 . 10 . 0	<a href="#">get it</a>	
NP-15	22/03/2002	3 . 11 . 0	<a href="#">get it</a>	
NP-16	24/06/2002	3 . 12 . 0	<a href="#">get it</a>	
NP-17	17/09/2002	3 . 13 . 0	<a href="#">get it</a>	
NP-18	02/01/2003	3 . 14 . 0	<a href="#">get it</a>	
NP-19	24/03/2003	3 . 15 . 0	<a href="#">get it</a>	
NP-20	27/06/2003	3 . 16 . 0	<a href="#">get it</a>	
NP-21	10/10/2003	3 . 17 . 0	<a href="#">get it</a>	

---

## TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-03	23/04/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-08	23/06/2000	3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
NP-14	10/01/2002	3 . 2 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 466

04 December 2003 12:02:16

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

## TS 24.011 Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface

R99 *current version:* 3.6.0 *WG (prime / other):* N1 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* SP-05 Skov

*G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

NP-05	13/10/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
NP-06	17/12/1999	3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
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	06/10/2000	3 . 4 . 0	<a href="#">get it</a>	
NP-10	02/01/2001	3 . 5 . 0	<a href="#">get it</a>	
NP-11	06/04/2001	3 . 6 . 0	<a href="#">get it</a>	

---

## TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG  
*freeze\_meeting:* SP-03 *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

NP-03	23/04/1999	3 . 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
NP-05	13/10/1999	3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the
				Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface".
NP-06	11/01/2000	3 . 2 . 0	<a href="#">get it</a>	
NP-08	23/06/2000	3 . 3 . 0	<a href="#">get it</a>	
edito	17/08/2000	3 . 3 . 1	<a href="#">get it</a>	
NP-09	12/10/2000	3 . 4 . 0	<a href="#">get it</a>	
NP-20	23/06/2003	3 . 5 . 0	<a href="#">get it</a>	

---

## TS 24.030 Location Services (LCS); Supplementary service operations; Stage 3

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-08 *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-07	17/03/2000	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#7: txfrd from SMG to 3GPP for R99.
NP-08	23/06/2000	3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> TSG#7:Decision to create.
NP-12	27/06/2001	3 . 2 . 0	<a href="#">get it</a>	
NP-14	10/01/2002	3 . 3 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 467

04 December 2003 12:02:17

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

**TS 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3**

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-10 21/12/2000 3 . 1 . 0 [get it](#) *remarks - this release:*  
NP-12 27/06/2001 3 . 2 . 0 [get it](#)

---

**TS 24.072 Call Deflection Supplementary Service; Stage 3**

R99 *current version:* 3.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding**

R99 *current version:* 3.7.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*  
NP-07 15/03/2000 3 . 2 . 0 [get it](#)  
NP-08 23/06/2000 3 . 3 . 0 [get it](#)  
NP-09 26/10/2000 3 . 4 . 0 [get it](#)  
ASN.1 annex 24/01/2001 3 . 4 . 1 [get it](#)  
updated  
NP-12 04/07/2001 3 . 5 . 0 [get it](#)  
NP-14 10/01/2002 3 . 6 . 0 [get it](#)  
NP-16 21/06/2002 3 . 7 . 0 [get it](#)  
editorial 09/10/2003 3 . 7 . 1 [get it](#)

---

**TS 24.081 Line Identification Supplementary Service; Stage 3**

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-08 23/06/2000 3 . 1 . 0 [get it](#) *remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 468

04 December 2003 12:02:17

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

<b>TS 24.082</b>	<b>Call Forwarding supplementary service; Stage 3</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 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>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 24.084</b>	<b>MultiParty (MPY) Supplementary Service; Stage 3</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 24.085</b>	<b>Closed User Group (CUG) Supplementary Service; Stage 3</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 24.086</b>	<b>Advice of Charge (AoC) Supplementary Service; Stage 3</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 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 access.

# 3GPP specification status

Page 469

04 December 2003 12:02:17

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

<b>TS 24.087</b>	<b>User-to-User Signalling (UUS); Stage 3</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 24.088</b>	<b>Call Barring (CB) Supplementary Service; Stage 3</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 24.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 3</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 24.091</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 3</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 24.093</b>	<b>Call Completion to Busy Subscriber (CCBS); Stage 3</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 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 access.

# 3GPP specification status

Page 470

04 December 2003 12:02:18

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

**TS 24.096 Name Identification Supplementary Service; Stage 3**

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-03  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 24.135 Multicall supplementary service; Stage 3**

R99 *current version:* 3.2.0  
*freeze\_meeting:* SP-07  
*history (event, available, version, comments):*  
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 access.

# 3GPP specification status

Page 471

04 December 2003 12:02:18

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TS 25.101 User Equipment (UE) radio transmission and reception (FDD)**

R99 *current version:* 3.15.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

Table of Contents	04/02/1999	0	.	0	.	0
and Scope						
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	2	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
Editorial	15/03/2000	3	.	2	.	1
Editorial	25/04/2000	3	.	2	.	2
RP-08	23/06/2000	3	.	3	.	0
edito	31/07/2000	3	.	3	.	1
RP-09	13/10/2000	3	.	4	.	0
edito	10/11/2000	3	.	4	.	1
RP-10	02/01/2001	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-16	01/07/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0
RP-19	04/04/2003	3	.	13	.	0
RP-20	27/06/2003	3	.	14	.	0
RP-21	10/10/2003	3	.	15	.	0

[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](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 472

04 December 2003 12:02:18

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

R99 *current version:* 3.12.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete draft	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

[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 access.

# 3GPP specification status

Page 473

04 December 2003 12:02:19

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.104 Base Station (BS) radio transmission and reception (FDD)

R99 *current version:* 3.12.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

Table of Contents	04/02/1999	0	.	0	.	0
and Scope						
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	2	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	13/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-18	10/01/2003	3	.	11	.	0
RP-19	04/04/2003	3	.	12	.	0

WG (*prime / other*): R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson  
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*  
*remarks - this release:*

[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 access.

# 3GPP specification status

Page 474

04 December 2003 12:02:19

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.105 UTRA (BS) TDD: Radio transmission and reception

R99 *current version:* 3.13.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

First complete draft	04/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	11/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	16/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-16	01/07/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0
RP-19	04/04/2003	3	.	13	.	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 25.113 Base station and repeater electromagnetic compatibility (EMC)

R99 *current version:* 3.5.0

*freeze\_meeting:* SP-06

*WG (prime / other):* R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-03	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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 475

04 December 2003 12:02:19

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.123 Requirements for support of radio resource management (TDD)

R99 *current version:* 3.13.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-06	17/12/1999	3	.	0	.	0
RP-07	17/03/2000	3	.	1	.	0
edito	27/04/2000	3	.	1	.	1
RP-08	23/06/2000	3	.	2	.	0
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	19/03/2002	3	.	9	.	0
RP-16	03/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0
RP-19	04/04/2003	3	.	12	.	0
RP-20	01/07/2003	3	.	13	.	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](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 476

04 December 2003 12:02:20

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.133 Requirements for support of radio resource management (FDD)

R99 *current version:* 3.15.0

*freeze\_meeting:* SP-06

*WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.

*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-06	17/12/1999	3	.	0	.	0
RP-07	17/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	18/10/2000	3	.	3	.	0
RP-10	09/01/2001	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	17/01/2002	3	.	8	.	0
RP-15	19/03/2002	3	.	9	.	0
RP-16	04/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0
RP-19	04/04/2003	3	.	13	.	0
RP-20	01/07/2003	3	.	14	.	0
RP-21	10/10/2003	3	.	15	.	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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 477

04 December 2003 12:02:20

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.141 Base Station (BS) conformance testing (FDD)

R99 *current version:* 3.13.0

*freeze\_meeting:* SP-06

*history (event, available, version, comments):*

Table of Contents and Scope	04/02/1999	0	0	1
First complete draft	23/04/1999	0	1	0
RP-03	23/04/1999	0	1	0
RP-04	23/06/1999	1	0	0
RP-05	13/10/1999	2	0	2
RP-06	12/12/1999	3	0	0
RP-07	15/03/2000	3	1	0
RP-08	23/06/2000	3	2	0
RP-09	11/10/2000	3	3	0
RP-10	22/12/2000	3	4	0
edito	09/01/2001	3	4	1
RP-11	05/04/2001	3	5	0
RP-12	29/06/2001	3	6	0
RP-13	03/10/2001	3	7	0
RP-14	16/01/2002	3	8	0
RP-15	29/03/2002	3	9	0
RP-16	04/07/2002	3	10	0
RP-17	04/10/2002	3	11	0
RP-18	10/01/2003	3	12	0
RP-19	04/04/2003	3	13	0

WG (prime / other): R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited

G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*  
*remarks - this release:*

[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 access.

# 3GPP specification status

Page 478

04 December 2003 12:02:20

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.142 Base Station (BS) conformance testing (TDD)

R99 *current version:* 3.13.0

*freeze\_meeting:* SP-06

*history (event, available, version, comments):*

RP-03	23/04/1999	0	.	0	.	0
RP-04	23/06/1999	0	.	0	.	1
RP-05	13/10/1999	2	.	0	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
edito	31/07/2000	3	.	2	.	1
RP-09	11/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	16/01/2002	3	.	8	.	0
RP-15	29/03/2002	3	.	9	.	0
RP-16	04/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0
RP-19	04/04/2003	3	.	13	.	0

WG (prime / other): R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG  
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[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 25.201 Physical layer - general description

R99 *current version:* 3.4.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

Table of Contents and Scope	16/10/1998	0	.	0	.	0
First complete draft	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 access.

# 3GPP specification status

Page 479

04 December 2003 12:02:21

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

R99	<i>current version:</i> 3.12.0	WG ( <i>prime / other</i> ):	R1 / -	<i>rapporteur:</i>	WILDE, Andreas	NEC EUROPE LTD
	<i>freeze_meeting:</i> SP-05	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa	
<i>history (event, available, version, comments):</i>						
Table of Contents and Scope	04/02/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
First complete draft	04/03/1999	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 . 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 access; U = required in systems with UMTS access.



# 3GPP specification status

Page 480

04 December 2003 12:02:21

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.212 Multiplexing and channel coding (FDD)

R99 *current version:* 3.11.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R1 / - *rapporteur:* TANAKA, Yoshinori Fujitsu Limited

*G:* *U:* yes *MCC:* SASAKI, Tsukasa

*history (event, available, version, comments):*

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

[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](#)

---

## TS 25.213 Spreading and modulation (FDD)

R99 *current version:* 3.8.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R1 / - *rapporteur:* CHAMBERS, Peter SIEMENS AG

*G:* *U:* yes *MCC:* SASAKI, Tsukasa

*history (event, available, version, comments):*

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

[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 access.

# 3GPP specification status

Page 481

04 December 2003 12:02:22

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.214 Physical layer procedures (FDD)

R99 *current version:* 3.12.0

*freeze\_meeting:* SP-05

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation

G: U: yes *MCC:* SASAKI, Tsukasa

*history (event, available, version, comments):*

RP-03	23/04/1999	1	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0
RP-19	04/04/2003	3	.	12	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

## TS 25.215 Physical layer; Measurements (FDD)

R99 *current version:* 3.12.0

*freeze\_meeting:* SP-05

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation

G: U: yes *MCC:* SASAKI, Tsukasa

*history (event, available, version, comments):*

RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0
RP-20	27/06/2003	3	.	12	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 482

04 December 2003 12:02:22

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

R99	<i>current version:</i> 3.11.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	HIRAMATSU, Katsuhiko	Panasonic Mobile Communications Co.,Ltd.
	<i>freeze_meeting:</i> SP-05	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa	
<i>history (event, available, version, comments):</i>						
Table of Contents	04/02/1999	0	.	0	.	0
and Scope						
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	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

[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 access.

# 3GPP specification status

Page 483

04 December 2003 12:02:22

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.222 Multiplexing and channel coding (TDD)

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

edito 03/05/2000 3 . 2 . 1

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-13 08/10/2001 3 . 7 . 0

RP-15 29/03/2002 3 . 8 . 0

RP-16 28/06/2002 3 . 9 . 0

RP-17 27/09/2002 3 . 10 . 0

WG (*prime / other*): R1 / - *rapporteur:* KAHTAVA, Jussi  
G: U: yes *MCC:* SASAKI, Tsukasa

Nokia Japan Co, Ltd

[get it](#) *remarks - general:*  
*remarks - this release:*

[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 access.

# 3GPP specification status

Page 484

04 December 2003 12:02:23

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.223 Spreading and modulation (TDD)

R99 *current version:* 3.8.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

Creation of WI by	15/01/1999	0	.	0	.	0
WG/TB						
First complete 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-09	18/10/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	28/06/2001	3	.	6	.	0
RP-13	08/10/2001	3	.	7	.	0
RP-15	29/03/2002	3	.	8	.	0

WG (*prime / other*): R1 / - *rapporteur:* VACANT,  
G: U: yes *MCC:* SASAKI, Tsukasa

[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](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 485

04 December 2003 12:02:23

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.224 Physical layer procedures (TDD)

R99 *current version:* 3.13.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

Table of Contents	04/02/1999	0	.	0	.	0
and Scope						
RP-03	23/04/1999	1	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0
RP-18	07/01/2003	3	.	12	.	0
RP-21	29/09/2003	3	.	13	.	0

WG (*prime / other*): R1 / - *rapporteur:* OESTREICH, Stefan SIEMENS AG  
G: U: yes *MCC:* SASAKI, Tsukasa

[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 access.

# 3GPP specification status

Page 486

04 December 2003 12:02:23

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.225 Physical layer; Measurements (TDD)

R99 *current version:* 3.12.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

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
RP-20	27/06/2003	3	.	12	.	0

WG (*prime / other*): R1 / -

G: U: yes

*rapporteur:* IKEDA, Shinobu

*MCC:* SASAKI, Tsukasa

NEC Corporation

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

## TS 25.301 Radio Interface Protocol Architecture

R99 *current version:* 3.11.0

*freeze\_meeting:* SP-03

*history (event, available, version, comments):*

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete draft	04/03/1999	1	.	0	.	0
WG approval	16/04/1999	2	.	0	.	0
RP-03	23/04/1999	3	.	0	.	0
RP-04	23/06/1999	3	.	1	.	0
RP-05	13/10/1999	3	.	2	.	0
RP-06	17/12/1999	3	.	3	.	0
RP-07	15/03/2000	3	.	4	.	0
RP-08	30/06/2000	3	.	5	.	0
RP-09	16/10/2000	3	.	6	.	0
RP-11	27/03/2001	3	.	7	.	0
RP-12	19/06/2001	3	.	8	.	0
RP-14	04/01/2002	3	.	9	.	0
RP-16	17/06/2002	3	.	10	.	0
RP-17	18/09/2002	3	.	11	.	0

WG (*prime / other*): R2 / -

G: U: yes

*rapporteur:* GRANZOW, Wolfgang

*MCC:* ARZELIER, Claude

ERICSSON Eurolab Deutschland GmbH

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 487

04 December 2003 12:02:24

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.302 Services provided by the physical layer

R99 *current version:* 3.16.0

*freeze\_meeting:* SP-05

WG (prime / other): R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

G: U: yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

Table of Contents and Scope	04/02/1999	0	0	0
First complete draft	04/03/1999	1	0	0
RP-03	23/04/1999	2	0	0
RP-04	23/06/1999	2	3	0
RP-05	13/10/1999	3	1	0
RP-06	12/12/1999	3	2	0
RP-07	15/03/2000	3	4	0
RP-08	23/06/2000	3	5	0
RP-09	16/10/2000	3	6	0
RP-10	20/12/2000	3	7	0
RP-11	27/03/2001	3	8	0
RP-12	19/06/2001	3	9	0
RP-13	02/10/2001	3	10	0
RP-14	04/01/2002	3	11	0
RP-15	19/03/2002	3	12	0
RP-16	17/06/2002	3	13	0
RP-17	18/09/2002	3	14	0
RP-18	20/12/2002	3	15	0
RP-21	02/10/2003	3	16	0

[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](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 488

04 December 2003 12:02:24

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.303 Interlayer procedures in Connected Mode

R99 *current version:* 3.12.0

*freeze\_meeting:* SP-04

*history (event, available, version, comments):*

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete 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

WG (prime / other): R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center  
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](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 489

04 December 2003 12:02:25

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

R99 *current version:* 3.13.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation  
*freeze\_meeting:* SP-05 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

Start of work	15/01/1999	0	. 1	. 1	
RP-03	23/04/1999	1	. 0	. 0	<a href="#">get it</a> <i>remarks - general:</i>
RP-04	23/06/1999	1	. 2	. 0	<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	16/10/2000	3	. 4	. 0	<a href="#">get it</a>
RP-10	22/12/2000	3	. 5	. 0	<a href="#">get it</a>
RP-11	27/03/2001	3	. 6	. 0	<a href="#">get it</a>
RP-12	27/06/2001	3	. 7	. 0	<a href="#">get it</a>
RP-13	02/10/2001	3	. 8	. 0	<a href="#">get it</a>
RP-14	04/01/2002	3	. 9	. 0	<a href="#">get it</a>
RP-15	19/03/2002	3	. 10	. 0	<a href="#">get it</a>
RP-16	17/06/2002	3	. 11	. 0	<a href="#">get it</a>
RP-18	08/01/2003	3	. 12	. 0	<a href="#">get it</a>
RP-20	25/06/2003	3	. 13	. 0	<a href="#">get it</a>

---

## TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

R99 *current version:* 3.10.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-07 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-05	13/10/1999	1	. 4	. 0	
RP-06	17/12/1999	3	. 0	. 0	<a href="#">get it</a> <i>remarks - general:</i> Created from 25.923
RP-07	15/03/2000	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	16/10/2000	3	. 3	. 0	<a href="#">get it</a>
RP-10	22/12/2000	3	. 4	. 0	<a href="#">get it</a>
RP-11	27/03/2001	3	. 5	. 0	<a href="#">get it</a>
RP-12	19/06/2001	3	. 6	. 0	<a href="#">get it</a>
RP-14	04/01/2002	3	. 7	. 0	<a href="#">get it</a>
RP-15	19/03/2002	3	. 8	. 0	<a href="#">get it</a>
RP-20	20/06/2003	3	. 9	. 0	<a href="#">get it</a>
RP-21	02/10/2003	3	. 10	. 0	<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 490

04 December 2003 12:02:25

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.306 UE Radio Access capabilities definition

R99 *current version:* 3.9.0 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* SP-10 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-10	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
RP-18	08/01/2003	3	.	7	.	0
RP-20	20/06/2003	3	.	8	.	0
RP-21	02/10/2003	3	.	9	.	0

[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](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 25.307 Requirements on UEs supporting a release-independent frequency band

R99 *current version:* 3.1.0 *WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-13 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-12	27/06/2001	2	.	0	.	0	RP-010326, to be approved RP-13.
RP-13	01/10/2001	2	.	1	.	0	RP-010557, but not for approval? -

requirements.

debate!

RP-13	02/10/2001	3	.	0	.	0	Was approved after all!
RP-14	04/01/2002	3	.	1	.	0	

[get it](#) *remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements,  
[get it](#) *remarks - this release:* Expect continual updates each time a new band is allowed. R4 = RF & RMM  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 491

04 December 2003 12:02:25

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.321 Medium Access Control (MAC) protocol specification

R99 *current version:* 3.16.0

*freeze\_meeting:* TP-04

*history (event, available, version, comments):*

Table of Contents	04/02/1999	0	.	0	.	0
and Scope						
draft	04/03/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
RP-09	16/10/2000	3	.	5	.	0
RP-10	20/12/2000	3	.	6	.	0
RP-11	27/03/2001	3	.	7	.	0
RP-12	19/06/2001	3	.	8	.	0
RP-13	02/10/2001	3	.	9	.	0
RP-14	04/01/2002	3	.	10	.	0
RP-15	19/03/2002	3	.	11	.	0
RP-16	17/06/2002	3	.	12	.	0
RP-17	18/09/2002	3	.	13	.	0
RP-18	08/01/2003	3	.	14	.	0
RP-19	25/03/2003	3	.	15	.	0
RP-21	02/10/2003	3	.	16	.	0

WG (prime / other): R2 / -

G: U: yes

rapporteur: STADLER, Thomas

MCC: ARZELIER, Claude

SIEMENS AG

[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](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 492

04 December 2003 12:02:26

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.322 Radio Link Control (RLC) protocol specification

R99 *current version:* 3.16.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

Table of Contents and Scope	04/02/1999	0	0	0
RP-03	23/04/1999	1	0	0
RP-04	23/06/1999	1	1	0
RP-05	13/10/1999	3	0	0
RP-06	17/12/1999	3	1	0
RP-07	15/03/2000	3	2	0
RP-08	23/06/2000	3	3	0
RP-09	16/10/2000	3	4	0
RP-10	20/12/2000	3	5	0
RP-11	27/03/2001	3	6	0
RP-12	19/06/2001	3	7	0
RP-13	03/10/2001	3	8	0
RP-14	04/01/2002	3	9	0
RP-15	19/03/2002	3	10	0
RP-16	17/06/2002	3	11	0
RP-17	19/09/2002	3	12	0
RP-18	10/01/2003	3	13	0
RP-19	25/03/2003	3	14	0
RP-20	20/06/2003	3	15	0
RP-21	02/10/2003	3	16	0

WG (prime / other): R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION  
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](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 493

04 December 2003 12:02:26

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.323 Packet Data Convergence Protocol (PDCP) specification

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-06

*history (event, available, version, comments):*

RP-05	13/10/1999	0	.	1	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	06/10/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0
RP-12	19/06/2001	3	.	5	.	0
RP-13	02/10/2001	3	.	6	.	0
RP-14	04/01/2002	3	.	7	.	0
RP-15	19/03/2002	3	.	8	.	0
RP-16	17/06/2002	3	.	9	.	0
RP-17	18/09/2002	3	.	10	.	0

*WG (prime / other):* R2 / -

*G:* *U:* yes

*rapporteur:* HANS, Martin

*MCC:* ARZELIER, Claude

SIEMENS AG

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

## TS 25.324 Broadcast/Multicast Control (BMC)

R99 *current version:* 3.7.0

*freeze\_meeting:* SP-06

*history (event, available, version, comments):*

RP-05	13/10/1999	0	.	1	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-09	06/10/2000	3	.	2	.	0
RP-10	20/12/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0
RP-16	17/06/2002	3	.	5	.	0
RP-18	13/01/2003	3	.	6	.	0
RP-19	25/03/2003	3	.	7	.	0

*WG (prime / other):* R2 / -

*G:* *U:* yes

*rapporteur:* HARTL, Mike

*MCC:* ARZELIER, Claude

Vodafone D2 GmbH

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 494

04 December 2003 12:02:27

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.331 Radio Resource Control (RRC) protocol specification

R99 *current version:* 3.16.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

Table of Contents 04/02/1999 0 . 0 . 0  
and Scope

First complete draft 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 520 06/10/2000 3 . 4 . 1

RP-10 21/12/2000 3 . 5 . 0

RP-11 27/03/2001 3 . 6 . 0

RP-12 27/06/2001 3 . 7 . 0

RP-13 01/10/2001 3 . 8 . 0

RP-14 04/01/2002 3 . 9 . 0

RP-15 25/03/2002 3 . 10 . 0

RP-16 17/06/2002 3 . 11 . 0

RP-17 18/09/2002 3 . 12 . 0

RP-18 09/01/2003 3 . 13 . 0

RP-19 25/03/2003 3 . 14 . 0

RP-20 20/06/2003 3 . 15 . 0

RP-21 02/10/2003 3 . 16 . 0

WG (*prime / other*): R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
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](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 495

04 December 2003 12:02:27

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.401 UTRAN overall description

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

Table of Contents and Scope	04/02/1999	0	0	0
First complete draft	04/03/1999	1	0	0
RP-04	23/06/1999	1	1	1
RP-05	13/10/1999	3	0	0
RP-06	17/12/1999	3	1	0
RP-07	15/03/2000	3	2	0
RP-08	23/06/2000	3	3	0
RP-09	05/10/2000	3	4	0
RP-10	21/12/2000	3	5	0
RP-11	06/04/2001	3	6	0
RP-12	06/07/2001	3	7	0
RP-13	12/10/2001	3	8	0
RP-15	02/04/2002	3	9	0
RP-16	28/06/2002	3	10	0

WG (prime / other): R3 / - *rapporteur:* GODIN, Philippe

G: U: yes *MCC:* KRAUSE, Joern

NORTEL NETWORKS (EUROPE)

[get it](#) *remarks - general:* Approval 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](#)

---

## TS 25.402 Synchronisation in UTRAN Stage 2

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-06

*history (event, available, version, comments):*

RP-05	13/10/1999	0	0	1
RP-06	17/12/1999	3	0	0
RP-07	17/03/2000	3	1	0
RP-08	23/06/2000	3	2	0
RP-09	05/10/2000	3	3	0
RP-10	22/12/2000	3	4	0
RP-11	06/04/2001	3	5	0
RP-12	06/07/2001	3	6	0
RP-13	12/10/2001	3	7	0
RP-14	11/01/2002	3	8	0
RP-15	02/04/2002	3	9	0
RP-16	28/06/2002	3	10	0

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter  
G: U: yes *MCC:* KRAUSE, Joern

SIEMENS AG

[get it](#) *remarks - general:* New  
*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 access.



# 3GPP specification status

Page 496

04 December 2003 12:02:27

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.410 UTRAN Iu Interface: General Aspects and Principles

R99 *current version:* 3.8.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

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

WG (prime / other): R3 / - *rapporteur:* IYER, Subramanian S. MOTOROLA A/S

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](#)

[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, comments):*

RP-03	23/04/1999	0	.	0	.	0
TB adoption of WI	15/01/1999	0	.	0	.	0
Creation of WI by WG/TB	15/01/1999	0	.	0	.	0
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

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG

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](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 497

04 December 2003 12:02:28

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TS 25.412 UTRAN lu interface signalling transport**

R99 *current version:* 3.6.0

*freeze\_meeting:* SP-04

*history (event, available, version, comments):*

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 3 . 0 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 17/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 3 . 0

RP-08 23/06/2000 3 . 4 . 0

RP-09 05/10/2000 3 . 5 . 0

RP-10 21/12/2000 3 . 6 . 0

*WG (prime / other):* R3 / - *rapporteur:* NG, Cheng Hock

NEC Corporation

*G:* *U:* yes

*MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*  
*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 access.

# 3GPP specification status

Page 498

04 December 2003 12:02:28

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

R99 current version: 3.14.0

WG (prime / other): R3 / -

rapporteur: GUYOT, Olivier

NOKIA Corporation

freeze\_meeting: SP-06

G: U: yes

MCC: KRAUSE, Joern

history (event, available, version, comments):

draft	04/02/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	0	.	2
RP-05	13/10/1999	1	.	3	.	1
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	14/01/2002	3	.	8	.	0
RP-15	02/04/2002	3	.	9	.	0
RP-16	05/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0
edito post RP-17	03/10/2002	3	.	11	.	1
RP-18	03/01/2003	3	.	12	.	0
RP-20	17/06/2003	3	.	13	.	0
RP-21	30/09/2003	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 access.

# 3GPP specification status

Page 499

04 December 2003 12:02:28

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.414 UTRAN lu interface data transport & transport signalling

R99 *current version:* 3.13.0

*freeze\_meeting:* SP-04

*history (event, available, version, comments):*

draft	04/02/1999	0	.	0	.	0
draft	04/03/1999	1	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
RP-09	05/10/2000	3	.	5	.	0
RP-10	21/12/2000	3	.	6	.	0
RP-11	06/04/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	02/04/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0
RP-18	03/01/2003	3	.	12	.	0
RP-19	26/03/2003	3	.	13	.	0

WG (prime / other): R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson  
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](#)  
[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 access.

# 3GPP specification status

Page 500

04 December 2003 12:02:29

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.415 UTRAN Iu interface user plane protocols

R99 *current version:* 3.12.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	1	.	3
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	05/10/2000	3	.	4	.	0
RP-10	21/12/2000	3	.	5	.	0
RP-11	06/04/2001	3	.	6	.	0
RP-12	06/07/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	25/03/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0
RP-17	26/09/2002	3	.	12	.	0

WG (prime / other): R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson  
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](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 501

04 December 2003 12:02:29

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

R99 *current version:* 3.11.0 *WG (prime / other):* R3 / - *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

RP-06	17/12/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
RP-07		2 . 0 . 0		<i>remarks - this release:</i>
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-09	05/10/2000	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-12	06/07/2001	3 . 5 . 0	<a href="#">get it</a>	
RP-13	12/10/2001	3 . 6 . 0	<a href="#">get it</a>	
RP-14	11/01/2002	3 . 7 . 0	<a href="#">get it</a>	
RP-15	02/04/2002	3 . 8 . 0	<a href="#">get it</a>	
RP-16	28/06/2002	3 . 9 . 0	<a href="#">get it</a>	
RP-17	30/09/2002	3 . 10 . 0	<a href="#">get it</a>	
RP-20	17/06/2003	3 . 11 . 0	<a href="#">get it</a>	

---

## TS 25.420 UTRAN Iur Interface: General Aspects and Principles

R99 *current version:* 3.5.0 *WG (prime / other):* R3 / - *rapporteur:* MIAH, Babul Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-06 *G:* U: yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

RP-03	23/04/1999	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
RP-04	23/06/1999	0 . 1 . 3	<a href="#">get it</a>	<i>remarks - this release:</i>
RP-05	13/10/1999	1 . 0 . 1	<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-09	05/10/2000	3 . 2 . 0	<a href="#">get it</a>	
RP-11	05/04/2001	3 . 3 . 0	<a href="#">get it</a>	
RP-14	11/01/2002	3 . 4 . 0	<a href="#">get it</a>	
RP-15	02/04/2002	3 . 5 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 502

04 December 2003 12:02:29

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TS 25.421</b>	<b>UTRAN Iur interface Layer 1</b>					
R99	current version: 3.1.0	WG (prime / other):	R3 / -	rapporteur:	KUNZ, Walter	SIEMENS AG
	freeze_meeting: SP-04	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version, comments):					
	RP-03 23/04/1999			<a href="#">get it</a>	remarks - general:	
	RP-04 23/06/1999			<a href="#">get it</a>	remarks - this release:	
	RP-11 06/04/2001			<a href="#">get it</a>		

---

<b>TS 25.422</b>	<b>UTRAN Iur interface signalling transport</b>					
R99	current version: 3.6.1	WG (prime / other):	R3 / -	rapporteur:	MIAH, Babul	Lucent Technologies Network Systems UK
	freeze_meeting: SP-04	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version, comments):					
	WG approval 19/03/1999			<a href="#">get it</a>	remarks - general:	
	RP-03 23/04/1999			<a href="#">get it</a>	remarks - this release:	
	RP-04 23/06/1999			<a href="#">get it</a>		
	RP-05 13/10/1999			<a href="#">get it</a>		
	RP-06 12/12/1999			<a href="#">get it</a>		
	RP-07 15/03/2000			<a href="#">get it</a>		
	RP-08 23/06/2000			<a href="#">get it</a>		
	edito 05/10/2000			<a href="#">get it</a>		
	RP-10 21/12/2000			<a href="#">get it</a>		
	RP-14 11/01/2002			<a href="#">get it</a>		
	edito post RP-14 02/04/2002			<a href="#">get it</a>		

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 503

04 December 2003 12:02:30

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

R99 current version: 3.14.0

WG (prime / other): R3 / -

rapporteur: ERICSSON, Ingela

Telefon AB LM Ericsson

freeze\_meeting: SP-06

G: U: yes

MCC: KRAUSE, Joern

history (event, available, version, comments):

draft	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	1
RP-05	13/10/1999	1	.	4	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	02/01/2001	3	.	4	.	0
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	02/04/2002	3	.	9	.	0
RP-16	05/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0
RP-18	03/01/2003	3	.	12	.	0
RP-19	26/03/2003	3	.	13	.	0
RP-21	30/09/2003	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 access; U = required in systems with UMTS access.



# 3GPP specification status

Page 504

04 December 2003 12:02:30

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

R99 *current version:* 3.9.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.  
*freeze\_meeting:* SP-04 *G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

WG approval	19/03/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
RP-03	23/04/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
RP-04	23/06/1999	3 . 0 . 0	<a href="#">get it</a>	
RP-06	12/12/1999	3 . 1 . 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	02/04/2002	3 . 8 . 0	<a href="#">get it</a>	
RP-16	28/06/2002	3 . 9 . 0	<a href="#">get it</a>	

---

## 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, comments):*

draft	19/03/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
RP-03	23/04/1999	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
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>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 505

04 December 2003 12:02:31

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TS 25.426</b>	<b>UTRAN Iur and Iub interface data transport &amp; transport signalling for DCH data streams</b>					
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, comments):						
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>			

---

<b>TS 25.427</b>	<b>UTRAN Iur and Iub interface user plane protocols for DCH data streams</b>					
R99	current version: 3.10.0	WG (prime / other): R3 / -	rapporteur: HAKULI, Tuomas	NOKIA Corporation		
	freeze_meeting: SP-05	G: U: yes	MCC: KRAUSE, Joern			
history (event, available, version, comments):						
RP-03	23/04/1999	0 . 1 . 0	<a href="#">get it</a>	remarks - general:		
RP-04	23/06/1999	0 . 2 . 1	<a href="#">get it</a>	remarks - this release:		
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	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-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-18	03/01/2003	3 . 10 . 0	<a href="#">get it</a>			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 506

04 December 2003 12:02:31

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.430 UTRAN lub Interface: General Aspects and Principles

R99 *current version:* 3.8.0

*freeze\_meeting:* SP-06

*WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited

*G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

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](#)

---

## TS 25.431 UTRAN lub interface Layer 1

R99 *current version:* 3.1.0

*freeze\_meeting:* SP-04

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG

*G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

RP-03	23/04/1999	0	.	0	.	0
Creation of WI by WG/TB	15/01/1999	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](#)  
[get it](#)

---

## TS 25.432 UTRAN lub interface: signalling transport

R99 *current version:* 3.1.0

*freeze\_meeting:* SP-04

*WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited

*G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 507

04 December 2003 12:02:31

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.433 UTRAN lub interface NBAP signalling

R99 current version: 3.14.0

freeze\_meeting: SP-06

history (event, available, version, comments):

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	0	.	2
RP-05	13/10/1999	1	.	3	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
edito	01/02/2001	3	.	4	.	1
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	04/04/2002	3	.	9	.	0
RP-16	19/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0
RP-18	03/01/2003	3	.	12	.	0
RP-19	31/03/2003	3	.	13	.	0
RP-21	30/09/2003	3	.	14	.	0

WG (prime / other): R3 / - rapporteur: SEHEDIC, Yann  
G: U: yes MCC: KRAUSE, Joern

NORTEL NETWORKS (EUROPE)

[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 access.

# 3GPP specification status

Page 508

04 December 2003 12:02:32

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

R99 *current version:* 3.8.0 *WG (prime / other):* R3 / - *rapporteur:* LAVASANI, Shahab TeliaSonera AB  
*freeze\_meeting:* SP-04 *G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

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](#)

---

## TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

R99 *current version:* 3.10.0 *WG (prime / other):* R3 / - *rapporteur:* STOJANOVSKI, Saso NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-05 *G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

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	10/10/2000	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
RP-15	02/04/2002	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](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 509

04 December 2003 12:02:32

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<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> HAUSER, Alexander	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-05		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>			<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-03 23/04/1999	0 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	RP-04 23/06/1999	0 . 0 . 2		<a href="#">get it</a>		
	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 25.832</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	mmO2 plc	
	<i>freeze_meeting:</i> SP-05		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>			<a href="#">get it</a>	<i>remarks - general:</i>	
	First complete draft 04/03/1999	0 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .	
	WG approval 19/03/1999	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 . 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> 2.0.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation	
	<i>freeze_meeting:</i> SP-06		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa	
	<i>history (event, available, version, comments):</i>			<a href="#">get it</a>	<i>remarks - general:</i> Created Jan 2000 (aka R1.03)	
	RP-08 12/01/2001	1 . 1 . 0			<i>remarks - this release:</i> 2003-11-28: WG Chairman intends that this be brought under change control at	
	RP-22	2 . 0 . 0				

---

<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> VON BRANDT, Armin	SIEMENS AG	
	<i>freeze_meeting:</i> RP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>			<a href="#">get it</a>	<i>remarks - general:</i> Was 25.932. Approved and renumbered at TSG#10.	
	draft 06/04/2001	0 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> TSG#10:3.0.0 (is evidently R99 not Rel-4)	
	RP-10 22/12/2000	3 . 0 . 0		<a href="#">get it</a>		
	RP-11 06/04/2001	3 . 1 . 0		<a href="#">get it</a>		

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 510

04 December 2003 12:02:33

ACTIVE specs R99 25 .- series  
Server location: [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	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KALLA, Gairn	NOKIA UK Ltd
	<i>freeze_meeting:</i> SP-06	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude	
	<i>U:</i> yes			
<i>history (event, available, version, comments):</i>				
Table of Contents	04/02/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
and Scope				<i>remarks - this release:</i>
RP-03	23/04/1999	1 . 0 . 0	<a href="#">get it</a>	
RP-05	13/10/1999	1 . 3 . 0	<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-10	20/12/2000	3 . 2 . 0	<a href="#">get it</a>	
RP-11	27/03/2001	3 . 3 . 0	<a href="#">get it</a>	
RP-12	19/06/2001	3 . 4 . 0	<a href="#">get it</a>	
RP-13	02/10/2001	3 . 5 . 0	<a href="#">get it</a>	
RP-14	04/01/2002	3 . 6 . 0	<a href="#">get it</a>	
RP-15	19/03/2002	3 . 7 . 0	<a href="#">get it</a>	
RP-18	13/01/2003	3 . 8 . 0	<a href="#">get it</a>	
RP-21	02/10/2003	3 . 9 . 0	<a href="#">get it</a>	

---

## TR 25.922 Radio Resource Management Strategies

R99	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BULDORINI, Andrea	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-06	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude	
		<i>U:</i> yes		
<i>history (event, available, version, comments):</i>				
First complete draft	04/03/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
RP-03	23/04/1999	0 . 1 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>
RP-04	23/06/1999	0 . 2 . 0	<a href="#">get it</a>	
RP-05	13/10/1999	0 . 5 . 0	<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-09	16/10/2000	3 . 3 . 0	<a href="#">get it</a>	
RP-10	20/12/2000	3 . 4 . 0	<a href="#">get it</a>	
RP-11	27/03/2001	3 . 5 . 0	<a href="#">get it</a>	
RP-13	02/10/2001	3 . 6 . 0	<a href="#">get it</a>	
RP-15	19/03/2002	3 . 7 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 511

04 December 2003 12:02:33

ACTIVE specs R99 25 .- series  
Server location: [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, comments):*

First complete draft	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](#)

[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, comments):*

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](#)

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 512

04 December 2003 12:02:33

ACTIVE specs R99 25 .- series  
Server location: [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	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> TAKAMI, Tadao	NTT DoCoMo Inc	
	<i>freeze_meeting:</i> RP-06	G: U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
	<i>history (event, available, version, comments):</i>				
	RP-03 23/04/1999	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-04 23/06/1999	1 . 0 . 0	<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 17/12/1999	3 . 1 . 0	<a href="#">get it</a>		

---

<b>TR 25.942</b>	<b>RF system scenarios</b>				
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BENABDALLAH, Nadia	Vodafone Omnitel N.V	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
	<i>history (event, available, version, comments):</i>				
	RP-03 23/04/1999	0 . 0 . 2	<a href="#">get it</a>	<i>remarks - general:</i> Additional rapporteur = A.De Pasquale.	
	RP-04 23/06/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	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	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation	
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i>	SASAKI, Tsukasa	
	<i>history (event, available, version, comments):</i>				
	editor's draft 25/11/1999	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> Created Jan 2000 (aka R1.04)	
	R1-09 15/12/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	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 access.

# 3GPP specification status

Page 513

04 December 2003 12:02:34

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)**  
R99 *current version:* 3.0.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-06 *G:* U: yes *MCC:* ARZELIER, Claude  
*history (event, available, version, comments):*  
0 . 0 . 0 *remarks - general:*  
RP-18 13/01/2003 3 . 0 . 0 Back creation from Rel-6 version [get it](#) *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 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-04 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-05 13/10/1999 3 . 0 . 1 [get it](#)

---

---

**TS 26.073 AMR speech Codec; C-source code**  
R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-04 23/06/1999 0 . 1 . 0 [get it](#) *remarks - general:*  
SP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - this release:*  
SP-05 13/10/1999 1 . 0 . 0 [get it](#)  
SP-06 17/12/1999 3 . 0 . 0 [get it](#)  
SP-07 15/03/2000 3 . 1 . 0 [get it](#)  
SP-11 10/04/2001 3 . 2 . 0 [get it](#)  
SP-14 09/01/2002 3 . 3 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 514

04 December 2003 12:02:34

ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

## TS 26.074 AMR speech Codec; Test sequences

R99 *current version:* 3.1.1 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 *G: yes U: yes* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

SP-03	23/04/1999	0	0	0	<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4
SP-04	23/06/1999	1	0	0	<a href="#">get it</a> <i>remarks - this release:</i>
SP-05	13/10/1999	2	0	0	<a href="#">get it</a>
SP-06	17/12/1999	3	0	0	<a href="#">get it</a>
Test sequences available	02/02/2000	3	0	1	<a href="#">get it</a>
Test sequences corrected	14/09/2000	3	0	2	<a href="#">get it</a>
SP-11	10/04/2001	3	1	0	<a href="#">get it</a>
corrected test	04/07/2001	3	1	1	<a href="#">get it</a>

---

## TS 26.090 AMR speech Codec; Transcoding Functions

R99 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

SP-03	26/04/1999	1	0	0	<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4
SP-04	23/06/1999	3	0	0	<a href="#">get it</a> <i>remarks - this release:</i> .
SP-05	13/10/1999	3	0	1	<a href="#">get it</a>
SP-06	17/12/1999	3	1	0	<a href="#">get it</a>

---

## TS 26.091 AMR speech Codec; Error concealment of lost frames

R99 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

SP-03	26/04/1999	1	0	0	<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4
SP-04	23/06/1999	3	0	0	<a href="#">get it</a> <i>remarks - this release:</i> .
SP-05	13/10/1999	3	0	1	<a href="#">get it</a>
SP-06	17/12/1999	3	1	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 515

04 December 2003 12:02:35

ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

**TS 26.092 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, comments):*  
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, comments):*  
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 S.p.A.  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
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, comments):*  
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 access.

# 3GPP specification status

Page 516

04 December 2003 12:02:35

ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

## TS 26.102 Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-06 *G: yes U: yes* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-03 26/04/1999 0 . 2 . 0 [get it](#) *remarks - general:*  
SP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - this release:*  
SP-07 15/03/2000 3 . 1 . 0 [get it](#)  
SP-10 12/12/2000 3 . 2 . 0 [get it](#)  
SP-11 10/04/2001 3 . 3 . 0 [get it](#)  
SP-19 04/04/2003 3 . 4 . 0 [get it](#)

---

## TS 26.103 Speech codec list for GSM and UMTS

R99 *current version:* 3.2.0 *WG (prime / other):* S4 / - *rapporteur:* HELLWIG, Karl Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 *G: yes U: yes* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - general:* New after TSG#5  
SP-14 09/01/2002 3 . 1 . 0 [get it](#) *remarks - this release:* .  
SP-16 28/06/2002 3 . 2 . 0 [get it](#)

---

## TS 26.104 ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec

R99 *current version:* 3.5.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-07 *G: yes U: yes* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-06 17/12/1999 0 . 1 . 0 [get it](#) *remarks - general:*  
SP-07 15/03/2000 0 . 3 . 0 SP-000022 [get it](#) *remarks - this release:*  
SP-08 28/06/2000 3 . 0 . 0 [get it](#)  
SP-10 21/12/2000 3 . 1 . 0 [get it](#)  
SP-12 27/06/2001 3 . 2 . 0 [get it](#)  
bug fix 29/06/2001 3 . 2 . 1 [get it](#)  
SP-13 02/10/2001 3 . 3 . 0 [get it](#)  
SP-15 28/03/2002 3 . 4 . 0 [get it](#)  
SP-19 04/04/2003 3 . 5 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 517

04 December 2003 12:02:35

ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

## TS 26.110 Codec for circuit switched multimedia telephony service; General description

R99 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*  
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:*  
SP-05 13/10/1999 3 . 0 . 1 [get it](#)  
SP-11 04/07/2001 3 . 1 . 0 [get it](#)

---

## TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* CR at TSG#5  
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:*  
SP-05 13/10/1999 3 . 0 . 2 [get it](#)  
SP-06 15/12/1999 3 . 1 . 0 [get it](#)  
SP-08 28/06/2000 3 . 2 . 0 [get it](#)  
SP-09 10/10/2000 3 . 3 . 0 [get it](#)  
SP-10 21/12/2000 3 . 4 . 0 [get it](#)

---

## TS 26.131 Terminal acoustic characteristics for telephony; Requirements

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.  
*freeze\_meeting:* SP-06 *G: U: yes* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-05 13/10/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
SP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - this release:*  
SP-08 28/06/2000 3 . 1 . 0 [get it](#)  
SP-11 10/04/2001 3 . 2 . 0 [get it](#)  
SP-13 02/10/2001 3 . 3 . 0 [get it](#)  
SP-17 24/09/2002 3 . 4 . 0 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 518

04 December 2003 12:02:36

ACTIVE specs 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 26.132</b>	<b>Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification</b>					
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian	TELLABS OPERATIONS INC.		
	<i>freeze_meeting:</i> SP-08	G: U: yes	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-05 13/10/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	draft	0 . 0 . 1		<i>remarks - this release:</i>		
	SP-08	1 . 0 . 0				
	SP-08 28/06/2000	3 . 0 . 0	<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>			

---

<b>TR 26.911</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide</b>					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-03 26/04/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-04 23/06/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	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>			
	SP-19 04/04/2003	3 . 4 . 0	<a href="#">get it</a>			

---

<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	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-07	G: U: yes	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-03 26/04/1999	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-04 23/06/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	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 access.

# 3GPP specification status

Page 519

04 December 2003 12:02:36

ACTIVE specs R99 26 .- series  
Server location: [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, comments):*

Creation of WI by 02/02/2000 0 . 0 . 1

WG/TB

SP-07 17/03/2000 3 . 0 . 0

*WG (prime / other):* S4 / -

*G:* U: yes

*rapporteur:* GOETZ, Ian

*MCC:* USAI, Paolino

TELLABS OPERATIONS INC.

[get it](#) *remarks - general:* Became 26.115 for Rel-4 onwards.

[get it](#) *remarks - this release:* No Rel-4 version. Became 26.115.

---

## TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec

R99 *current version:* 3.1.0

*freeze\_meeting:* SP-11

*history (event, available, version, comments):*

SP-06 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 / -

*G:* yes U: yes

*rapporteur:* EKUDDEN, Erik

*MCC:* USAI, Paolino

Telefon AB LM Ericsson

[get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.

[get it](#) *remarks - this release:* was 26.075;

---

R99

27 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 520

04 December 2003 12:02:36

ACTIVE specs 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:* 3.13.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

NP-03	23/04/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-05	13/10/1999	3 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
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-08	23/06/2000	3 . 5 . 0	<a href="#">get it</a>	
NP-09	23/10/2000	3 . 6 . 0	<a href="#">get it</a>	
NP-10	04/01/2001	3 . 7 . 0	<a href="#">get it</a>	
NP-11	05/04/2001	3 . 8 . 0	<a href="#">get it</a>	
NP-12	04/07/2001	3 . 9 . 0	<a href="#">get it</a>	
NP-13	10/10/2001	3 . 10 . 0	<a href="#">get it</a>	
NP-17	17/09/2002	3 . 11 . 0	<a href="#">get it</a>	
NP-20	25/06/2003	3 . 12 . 0	<a href="#">get it</a>	
NP-21	01/10/2003	3 . 13 . 0	<a href="#">get it</a>	

---

## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

NP-03	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>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 521

04 December 2003 12:02:37

ACTIVE specs R99 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

---

## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

NP-03	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 Research In Motion Limited  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

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>

---

## TS 27.007 AT command set for 3G User Equipment (UE)

R99 *current version:* 3.13.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-03	28/04/1999	1	0	0	<a href="#">get it</a> <i>remarks - general:</i>
TP-04	18/06/1999	3	1	0	<a href="#">get it</a> <i>remarks - this release:</i>
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>
TP-07	15/03/2000	3	4	0	<a href="#">get it</a>
TP-08	23/06/2000	3	5	0	<a href="#">get it</a>
TP-09	11/10/2000	3	6	0	<a href="#">get it</a>
TP-10	04/01/2001	3	7	0	<a href="#">get it</a>
TP-11	06/04/2001	3	8	0	<a href="#">get it</a>
TP-12	04/07/2001	3	9	0	<a href="#">get it</a>
TP-14	11/01/2002	3	10	0	<a href="#">get it</a>
TP-15	29/03/2002	3	11	0	<a href="#">get it</a>
TP-18	20/12/2002	3	12	0	<a href="#">get it</a>
TP-19	31/03/2003	3	13	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 522

04 December 2003 12:02:37

ACTIVE specs R99 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

---

## TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

R99 *current version:* 3.4.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-03	28/04/1999	1	0	0	<a href="#">get it</a> <i>remarks - general:</i>
TP-04	18/06/1999	3	1	0	<a href="#">get it</a> <i>remarks - this release:</i>
TP-05	08/10/1999	3	2	0	<a href="#">get it</a>
TP-07	15/03/2000	3	3	0	<a href="#">get it</a>
TP-15	25/03/2002	3	4	0	<a href="#">get it</a>

---

## TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

R99 *current version:* 3.8.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

NP-03	23/04/1999	3	0	0	<a href="#">get it</a> <i>remarks - general:</i> GPRS
NP-04	23/06/1999	3	1	0	<a href="#">get it</a> <i>remarks - this release:</i>
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>
NP-20	23/06/2003	3	8	0	<a href="#">get it</a>

---

## TS 27.103 Wide Area Network Synchronization

R99 *current version:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* CHAU, Alan NOKIA UK Ltd  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

TP-05	08/10/1999	3	0	0	<a href="#">get it</a> <i>remarks - general:</i>
TP-09	16/10/2000	3	1	0	<a href="#">get it</a> <i>remarks - this release:</i> TSG#8:3.1.0 but this CR not impementable.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 523

04 December 2003 12:02:38

ACTIVE specs R99 27 .- series  
Server location: [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

R99 *current version:* 3.1.0

*freeze\_meeting:* SP-06

*history (event, available, version, comments):*

TP-03 23/04/1999 0 . 0 . 1

TP-04 18/06/1999 1 . 0 . 0

TP-05 08/10/1999 1 . 0 . 1

TP-06 completed 17/12/1999 3 . 0 . 0

TP-15 26/03/2002 3 . 1 . 0

*WG (prime / other):* T2 / - *rapporteur:* REX, Thomas ERICSSON MOBILE COMMUNICATIONS AB

*G:* *U:* yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* .

[get it](#)

[get it](#)

[get it](#)

---

## TR 27.903 Discussion of synchronization standards

R99 *current version:* 3.0.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

TP-03 23/04/1999 0 . 0 . 0

TP-05 08/10/1999 3 . 0 . 0

*WG (prime / other):* T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.

*G:* *U:* yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* .

---

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 access.

# 3GPP specification status

Page 524

04 December 2003 12:02:38

ACTIVE specs 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: 3.18.0

freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	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	17/12/1999	3 . 3 . 0	<a href="#">get it</a>	
edito	31/01/2000	3 . 3 . 1	<a href="#">get it</a>	
NP-07	15/03/2000	3 . 4 . 0	<a href="#">get it</a>	
NP-08	23/06/2000	3 . 5 . 0	<a href="#">get it</a>	
edito	04/08/2000	3 . 5 . 1	<a href="#">get it</a>	
edito	10/08/2000	3 . 5 . 2	<a href="#">get it</a>	
NP-09	26/10/2000	3 . 6 . 0	<a href="#">get it</a>	
NP-10	20/12/2000	3 . 7 . 0	<a href="#">get it</a>	
edito	02/01/2001	3 . 7 . 1	<a href="#">get it</a>	
edito to make	31/01/2001	3 . 7 . 2	<a href="#">get it</a>	
figures legible				
NP-11	06/04/2001	3 . 8 . 0	<a href="#">get it</a>	
NP-12	06/07/2001	3 . 9 . 0	<a href="#">get it</a>	
NP-13	03/10/2001	3 . 10 . 0	<a href="#">get it</a>	
NP-14	18/01/2002	3 . 11 . 0	<a href="#">get it</a>	
NP-15	04/04/2002	3 . 12 . 0	<a href="#">get it</a>	
NP-16	21/06/2002	3 . 13 . 0	<a href="#">get it</a>	
NP-17	24/09/2002	3 . 14 . 0	<a href="#">get it</a>	
NP-18	09/01/2003	3 . 15 . 0	<a href="#">get it</a>	
NP-19	07/04/2003	3 . 16 . 0	<a href="#">get it</a>	
NP-20	04/07/2003	3 . 17 . 0	<a href="#">get it</a>	delayed availability due to complexity of changes
NP-21	09/10/2003	3 . 18 . 0	<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 525

04 December 2003 12:02:38

ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

<b>TS 29.007</b>	<b>General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network</b>				
R99	<i>current version:</i> 3.13.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG	
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	NP-03	23/04/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
	post-SP-04	27/05/1999	3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
	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-08	23/06/2000	3 . 5 . 0	<a href="#">get it</a>	
	NP-09	12/10/2000	3 . 6 . 0	<a href="#">get it</a>	
	NP-10	22/12/2000	3 . 7 . 0	<a href="#">get it</a>	
	NP-11	29/03/2001	3 . 8 . 0	<a href="#">get it</a>	
	NP-14	11/01/2002	3 . 9 . 0	<a href="#">get it</a>	
	NP-16	24/06/2002	3 . 10 . 0	<a href="#">get it</a>	
	NP-18	06/01/2003	3 . 11 . 0	<a href="#">get it</a>	
	NP-20	23/06/2003	3 . 12 . 0	<a href="#">get it</a>	
	NP-21	01/10/2003	3 . 13 . 0	<a href="#">get it</a>	

---

<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>				
R99	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	<i>3.11.0WG (prime / other):</i> N4	<i>/-</i>	<i>rapporteur:</i> KYMALAINEN, Kimmo	
	TeliaSonera AB	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>freeze_meeting:</i> SP-05				
	<i>history (event, available, version, comments):</i>				
	NP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4 (transfer??)
	NP-05	13/10/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
	NP-06	15/12/1999	3 . 1 . 0	<a href="#">get it</a>	
	NP-07	15/03/2000	3 . 2 . 0	<a href="#">get it</a>	
	NP-09	26/10/2000	3 . 3 . 0	<a href="#">get it</a>	
	NP-10	21/12/2000	3 . 4 . 0	<a href="#">get it</a>	
	NP-11	30/03/2001	3 . 5 . 0	<a href="#">get it</a>	
	NP-12	04/07/2001	3 . 6 . 0	<a href="#">get it</a>	
	NP-14	11/01/2002	3 . 7 . 0	<a href="#">get it</a>	
	NP-16	21/06/2002	3 . 8 . 0	<a href="#">get it</a>	
	NP-17	18/09/2002	3 . 9 . 0	<a href="#">get it</a>	
	NP-18	07/01/2003	3 . 10 . 0	<a href="#">get it</a>	
	NP-20	27/06/2003	3 . 11 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 526

04 December 2003 12:02:39

ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

## TS 29.011 Signalling Interworking for Supplementary Services

R99 *current version:* 3.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

R99 *current version:* 3.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
NP-04 23/06/1999 3 . 0 . 0 [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 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-09 06/10/2000 3 . 1 . 0 [get it](#) *remarks - this release:*

---

## TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

R99 *current version:* 3.11.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-04 23/06/1999 3 . 1 . 0 [get it](#) *remarks - this release:*  
NP-05 13/10/1999 3 . 2 . 0 [get it](#)  
NP-07 15/03/2000 3 . 3 . 0 [get it](#)  
NP-09 23/10/2000 3 . 4 . 0 [get it](#)  
edito 31/10/2000 3 . 4 . 1 [get it](#)  
NP-10 02/01/2001 3 . 5 . 0 [get it](#)  
NP-11 06/04/2001 3 . 6 . 0 [get it](#)  
NP-13 03/10/2001 3 . 7 . 0 [get it](#)  
NP-14 04/01/2002 3 . 8 . 0 [get it](#)  
NP-15 21/03/2002 3 . 9 . 0 [get it](#)  
NP-16 26/06/2002 3 . 10 . 0 [get it](#)  
NP-21 10/10/2003 3 . 11 . 0 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 527

04 December 2003 12:02:39

ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

## TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

R99 *current version:* 3.17.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-03	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-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>	
NP-08	23/06/2000	3 . 5 . 0	<a href="#">get it</a>	
NP-10	28/09/2000	3 . 6 . 0	<a href="#">get it</a>	
NP-10	21/12/2000	3 . 7 . 0	<a href="#">get it</a>	
NP-11	30/03/2001	3 . 8 . 0	<a href="#">get it</a>	
NP-12	04/07/2001	3 . 9 . 0	<a href="#">get it</a>	
NP-13	03/10/2001	3 . 10 . 0	<a href="#">get it</a>	
NP-14	11/01/2002	3 . 11 . 0	<a href="#">get it</a>	
NP-15	28/03/2002	3 . 12 . 0	<a href="#">get it</a>	
NP-16	21/06/2002	3 . 13 . 0	<a href="#">get it</a>	
NP-17	18/09/2002	3 . 14 . 0	<a href="#">get it</a>	
NP-18	07/01/2003	3 . 15 . 0	<a href="#">get it</a>	
NP-19	04/04/2003	3 . 16 . 0	<a href="#">get it</a>	
NP-20	27/06/2003	3 . 17 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 528

04 December 2003 12:02:40

ACTIVE specs R99 29 .- series  
Server location: [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>				
R99	<i>current version:</i> 3.13.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David		
<i>history (event, available, version, comments):</i>					
NP-03	23/04/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Former title: "General Packet Radio Service (GPRS); Interworking between the Public
NP-04	23/06/1999	3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	Land Mobile Network (PLMN) supporting GPRS and Packet".
NP-06	15/12/1999	3 . 2 . 0	<a href="#">get it</a>		
NP-07	15/03/2000	3 . 3 . 0	<a href="#">get it</a>		
NP-09	12/10/2000	3 . 4 . 0	<a href="#">get it</a>		
NP-11	06/04/2001	3 . 5 . 0	<a href="#">get it</a>		
NP-12	28/06/2001	3 . 6 . 0	<a href="#">get it</a>		
NP-13	12/10/2001	3 . 7 . 0	<a href="#">get it</a>		
NP-14	14/01/2002	3 . 8 . 0	<a href="#">get it</a>		
NP-15	20/03/2002	3 . 9 . 0	<a href="#">get it</a>		
NP-16	03/07/2002	3 . 10 . 0	<a href="#">get it</a>		
NP-18	09/01/2003	3 . 11 . 0	<a href="#">get it</a>		
NP-19	27/03/2003	3 . 12 . 0	<a href="#">get it</a>		
NP-20	23/06/2003	3 . 13 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 529

04 December 2003 12:02:40

ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

<b>TS 29.078</b>	<b>customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification</b>				
R99	<i>current version:</i> 3.15.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version, comments):</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>	
	NP-18	18/12/2002	3 . 14 . 0	<a href="#">get it</a>	
	NP-19	25/03/2003	3 . 15 . 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> 3.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> KRAUSE, Joern		
<i>history (event, available, version, comments):</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>	
	RP-19	26/03/2003	3 . 3 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 530

04 December 2003 12:02:40

ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

<b>TS 29.119</b>	<b>GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: AIKAWA, Shinichiro	Fujitsu Limited		
	freeze_meeting: SP-07	G: U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, comments):					
	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>				

---

<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, comments):					
	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>				

---

<b>TS 29.198</b>	<b>Open Service Architecture (OSA) Application Programming Interface (API) - Part 1</b>					
R99	current version: 3.4.0	WG (prime / other): N5 / -	rapporteur: ABARCA, Chelo	ALCATEL S.A.		
	freeze_meeting: SP-08	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version, comments):					
	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>				

---

<b>TR 29.994</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults</b>					
R99	current version: 3.0.1	WG (prime / other): N1 / RP	rapporteur: ANDERSEN, Niels Peter	MOTOROLA A/S		
	freeze_meeting: SP-06	G: yes U: yes	Skov	JORGENSEN, Per Johan		
	history (event, available, version, comments):					
	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			
	edito post NP-18 16/12/2002 3 . 0 . 1	<a href="#">get it</a>	remarks - this release: . latest Release version.			
			minor editorials to change style from TS to TR.			

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 531

04 December 2003 12:02:41

ACTIVE specs R99 29 .- series  
Server location: [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

*WG (prime / other):* N5 / - *rapporteur:* ABARCA, Chelo

ALCATEL S.A.

*G:* *U:* yes

*MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-07 13/03/2000 1 . 0 . 0

[get it](#) *remarks - general:* OSA subgroup

NP-08 23/06/2000 3 . 0 . 0

[get it](#) *remarks - this release:*

NP-09 08/10/2000 3 . 1 . 0

[get it](#)

NP-10 03/01/2001 3 . 2 . 0

[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)

---

## 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, comments):*

TP-03 23/04/1999 0 . 0 . 0

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.

TP-04 23/06/1999 0 . 5 . 0

[get it](#) *remarks - this release:* TP-09: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec list.

TP-05 08/10/1999 1 . 0 . 0

Sanders, May 2001: no, not withdrawn. So re-instated.

TP-06 17/12/1999 3 . 0 . 0

[get it](#)

TP-07 15/03/2000 3 . 1 . 0

completion target

[get it](#)

TP-08 06/02/2000 3 . 2 . 0

[get it](#)

TP-09 18/10/2000 3 . 3 . 0

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 532

04 December 2003 12:02:41

ACTIVE specs R99 31 .- series  
Server location: [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

R99 *current version:* 3.14.0

*freeze\_meeting:* SP-06

*WG (prime / other):* T3 / - *rapporteur:* HEIM, Christian

GIESECKE & DEVRIENT GmbH

*G:* *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

TP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
TP-04	23/06/1999	0 . 5 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
TP-05	08/10/1999	1 . 0 . 0	<a href="#">get it</a>	
TP-06	17/12/1999	3 . 0 . 0	<a href="#">get it</a>	
TP-07 completion	15/03/2000	3 . 1 . 0	<a href="#">get it</a>	
target				
TP-08	23/06/2000	3 . 2 . 0	<a href="#">get it</a>	
TP-09	18/10/2000	3 . 3 . 0	<a href="#">get it</a>	
TP-10	05/01/2001	3 . 4 . 0	<a href="#">get it</a>	
TP-11	09/04/2001	3 . 5 . 0	<a href="#">get it</a>	
TP-12	06/07/2001	3 . 6 . 0	<a href="#">get it</a>	
TP-13	11/10/2001	3 . 7 . 0	<a href="#">get it</a>	
TP-14	17/01/2002	3 . 8 . 0	<a href="#">get it</a>	
TP-16	28/06/2002	3 . 9 . 0	<a href="#">get it</a>	
TP-17	25/09/2002	3 . 10 . 0	<a href="#">get it</a>	
TP-18	02/01/2003	3 . 11 . 0	<a href="#">get it</a>	
TP-19	01/04/2003	3 . 12 . 0	<a href="#">get it</a>	
TP-20	23/06/2003	3 . 13 . 0	<a href="#">get it</a>	
TP-21	30/09/2003	3 . 14 . 0	<a href="#">get it</a>	

## TS 31.110 Numbering system for telecommunication IC card applications

R99 *current version:* 3.2.0

*freeze\_meeting:* SP-06

*WG (prime / other):* T3 / - *rapporteur:* DIETRICH, Christian

SchlumbergerSema - Schlumberger Systèmes S.A

*G:* *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

E-mailed to SP-T for information	15/11/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
TP-06	17/12/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
TP-07 completion	15/03/2000	3 . 1 . 0	<a href="#">get it</a>	Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.
target				
TP-09	18/10/2000	3 . 2 . 0	<a href="#">get it</a>	

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 533

04 December 2003 12:02:41

ACTIVE specs R99 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

---

<b>TS 31.111</b>	<b>Universal Subscriber Identity Module Application Toolkit (USAT)</b>								
R99	<i>current version:</i> 3.10.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	WOODSEND, Kristian	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-07								
		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version, comments):</i>								
	TP-06 17/12/1999	1 . 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-07 15/03/2000	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>					
	TP-08 23/06/2000	3 . 1 . 0	<a href="#">get it</a>						
	TP-09 18/10/2000	3 . 2 . 0	<a href="#">get it</a>						
	TP-10 05/01/2001	3 . 3 . 0	<a href="#">get it</a>						
	TP-11 09/04/2001	3 . 4 . 0	<a href="#">get it</a>						
	TP-12 06/07/2001	3 . 5 . 0	<a href="#">get it</a>						
	TP-13 12/10/2001	3 . 6 . 0	<a href="#">get it</a>						
	TP-14 16/01/2002	3 . 7 . 0	<a href="#">get it</a>						
	TP-16 28/06/2002	3 . 8 . 0	<a href="#">get it</a>						
	TP-18 02/01/2003	3 . 9 . 0	<a href="#">get it</a>						
	TP-19 04/04/2003	3 . 10 . 0	<a href="#">get it</a>						

---

<b>TS 31.120</b>	<b>UICC-terminal interface; Physical, electrical and logical test specification</b>								
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	MAESER, Torsten	Orga Test Systems Gmbh			
	<i>freeze_meeting:</i> SP-08	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version, comments):</i>								
	TP-09 18/10/2000	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP				
	TP-10 05/01/2001	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	TP-11:moved to ETSI-SCP. TP-12: reinstated.				

---

<b>TS 31.121</b>	<b>UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification</b>								
R99	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	AFCHAR, Ramin	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-08	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version, comments):</i>								
	TP-09 18/10/2000	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	based on R99 core spec; split into 2 parts (this is 2)				
	TP-10 05/01/2001	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>					
	TP-12 06/07/2001	3 . 1 . 0	<a href="#">get it</a>						
	TP-16 19/06/2002	3 . 2 . 0	<a href="#">get it</a>						
	TP-17 18/09/2002	3 . 3 . 0	<a href="#">get it</a>						
	TP-18 02/01/2003	3 . 4 . 0	<a href="#">get it</a>						
	TP-19 26/03/2003	3 . 5 . 0	<a href="#">get it</a>						
	TP-20 23/06/2003	3 . 6 . 0	<a href="#">get it</a>						
	TP-21 29/09/2003	3 . 7 . 0	<a href="#">get it</a>						

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 534

04 December 2003 12:02:42

ACTIVE specs R99 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

---

## TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

R99 *current version:* 3.6.0 *WG (prime / other):* T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

TP-09	18/10/2000	1	.	0	.	0
TP-10		2	.	0	.	0
TP-10	05/01/2001	3	.	0	.	0
TP-14	17/01/2002	3	.	1	.	0
TP-15	28/03/2002	3	.	2	.	0
TP-16	19/06/2002	3	.	3	.	0
TP-17	18/09/2002	3	.	4	.	0
TP-18	02/01/2003	3	.	5	.	0
TP-19	01/04/2003	3	.	6	.	0

[get it](#)

*remarks - general:* based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was split  
*remarks - this release:* into two parts

[get it](#)

[get it](#)

[get it](#)

[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)

---

## TS 32.005 Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain

R99 *current version:* 3.6.0 *WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-06	17/12/1999	3	.	0	.	0
SP-08	23/06/2000	3	.	1	.	0
correct	10/10/2000	3	.	2	.	0

[get it](#)

*remarks - general:*

*remarks - this release:*

[get it](#)

implementation of  
previous CR

SP-10	21/12/2000	3	.	3	.	0
edito	22/01/2001	3	.	3	.	1
SP-11	05/04/2001	3	.	4	.	0
SP-13	05/10/2001	3	.	5	.	0
SP-15	26/03/2002	3	.	6	.	0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 535

04 December 2003 12:02:42

ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

## TS 32.015 Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain

R99 *current version:* 3.11.0 *WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

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>	
SP-18	07/01/2003	3 . 10 . 0	<a href="#">get it</a>	
SP-19	02/04/2003	3 . 11 . 0	<a href="#">get it</a>	

---

## TS 32.101 Telecommunication management; Principles and high level requirements

R99 *current version:* 3.4.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-03	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>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 536

04 December 2003 12:02:43

ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

## TS 32.102 Telecommunication management; Architecture

R99 *current version:* 3.2.0

*freeze\_meeting:* SP-07

*WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

Creation of WI by	26/04/1999	0	0	0
WG/TB				
SP-03	26/04/1999	1	0	0
SP-05	13/10/1999	1	2	0
SP-06	17/12/1999	3	0	0
SP-07	17/03/2000	3	1	0
Editorial	17/03/2000	3	1	1
SP-08	23/06/2000	3	2	0

[get it](#) *remarks - general:*  
*remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 32.104 3G Performance Management

R99 *current version:* 3.6.0

*freeze\_meeting:* SP-07

*WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-05	13/10/1999	1	0	0
SP-06	17/12/1999	3	0	0
SP-07	17/03/2000	3	1	0
Editorial	17/03/2000	3	1	1
SP-08	23/06/2000	3	2	0
SP-09	10/10/2000	3	3	0
SP-10	21/12/2000	3	4	0
SP-14	11/01/2002	3	5	0
SP-20	27/06/2003	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 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

R99 *current version:* 3.1.0

*freeze\_meeting:* SP-07

*WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-05	13/10/1999	1	0	0
SP-06	17/12/1999	1	1	0
SP-07	17/03/2000	3	0	0
Editorial	17/03/2000	3	0	1
SP-08	23/06/2000	3	1	0

split into parts

[get it](#) *remarks - general:* SP-08: split into eight parts  
*remarks - this release:* SP-08: multipart split from parent 3.0.1

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 537

04 December 2003 12:02:43

ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.106-2</b>	<b>Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP); Information Service</b>								
R99	<i>current version:</i> 3.3.0	WG (prime / other):	S5 / -	<i>rapporteur:</i>	TSE, Edwin	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-07	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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			
	SP-10	21/12/2000	3 . 2 . 0	<a href="#">get it</a>					
	SP-11	05/04/2001	3 . 3 . 0	<a href="#">get it</a>					

---

<b>TS 32.106-3</b>	<b>Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)</b>								
R99	<i>current version:</i> <b>solution set</b>	3.3.0	WG (prime / other):	S5	/-	<i>rapporteur:</i>	TSE, Edwin		
	Ericsson Incorporated								
	<i>freeze_meeting:</i> SP-07	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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			
	SP-10	21/12/2000	3 . 2 . 0	<a href="#">get it</a>					
	SP-11	05/04/2001	3 . 3 . 0	<a href="#">get it</a>					

---

<b>TS 32.106-4</b>	<b>Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution</b>								
R99	<i>current version:</i> 3.2.1	WG (prime / other):	S5 / -	<i>rapporteur:</i>	POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-07	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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			
	SP-14	11/01/2002	3 . 2 . 0	<a href="#">get it</a>					
	editorial after	18/09/2002	3 . 2 . 1	<a href="#">get it</a>					
	SP-17								

---

<b>TS 32.106-5</b>	<b>Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP): Information model (including Network Resource Model NRM))</b>								
R99	<i>current version:</i> <b>Network Resource Model NRM))</b>	3.2.0	WG (prime / other):	S5	/-	<i>rapporteur:</i>	TOVINGER, Thomas		
	Telefon AB LM Ericsson								
	<i>freeze_meeting:</i> SP-10	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	draft	10/10/2000	1 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>	TSG#8: split into eight parts			
	SP-10	21/12/2000	3 . 0 . 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-11	05/04/2001	3 . 1 . 0	<a href="#">get it</a>					
	SP-12	03/07/2001	3 . 2 . 0	<a href="#">get it</a>					

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 538

04 December 2003 12:02:43

ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.106-6</b>	<b>Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP): Common Object Request Broker</b>								
R99	<i>current version:</i> <b>Architecture (CORBA) solution set</b>	3.3.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
SIEMENS AG									
	<i>freeze_meeting:</i> SP-10		G:	U: yes		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>								
	draft	31/10/2000	0	.	1	.	0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into eight parts
	SP-10	14/12/2000	3	.	0	.	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-11	05/04/2001	3	.	1	.	0	<a href="#">get it</a>	
	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): Common Management Information</b>								
R99	<i>current version:</i> <b>Protocol (CMIP) solution set</b>	3.3.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
SIEMENS AG									
	<i>freeze_meeting:</i> SP-10		G:	U: yes		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>								
	draft	31/10/2000	0	.	1	.	0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into eight parts
	SP-10	21/12/2000	3	.	0	.	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-11	05/04/2001	3	.	1	.	0	<a href="#">get it</a>	
	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>								
R99	<i>current version:</i> 3.2.0		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-07		G:	U: yes		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 539

04 December 2003 12:02:44

ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

## TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

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 (IRP): Information Service

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 540

04 December 2003 12:02:44

ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

## TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

R99 *current version:* 3.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated

*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

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 (IRP): Common Management Information Protocol (CMIP) solution set

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG

*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

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 access.

# 3GPP specification status

Page 541

04 December 2003 12:02:44

ACTIVE specs R99 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

R99 *current version:* 3.13.0

*freeze\_meeting:* SP-07

*history (event, available, version, comments):*

Table of Contents and Scope	04/03/1999	0	0	1
First complete draft	26/03/1999	1	0	0
WG approval	26/03/1999	2	0	0
SP-03	23/04/1999	3	0	0
SP-04	23/06/1999	3	1	0
SP-05	13/10/1999	3	2	0
SP-06	17/12/1999	3	3	0
SP-07	15/03/2000	3	4	0
SP-08	23/06/2000	3	5	0
SP-09	11/10/2000	3	6	0
SP-10	22/12/2000	3	7	0
SP-11	04/04/2001	3	8	0
SP-12	04/07/2001	3	9	0
SP-14	07/01/2002	3	10	0
SP-15	26/03/2002	3	11	0
SP-16	19/06/2002	3	12	0
SP-18	18/12/2002	3	13	0

WG (prime / other): S3 / - *rapporteur:* BLOMMAERT, Marc Siemens nv/sa  
G: U: yes *MCC:* POPE, Maurice

[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](#)

---

## TS 33.103 3G security; Integration guidelines

R99 *current version:* 3.7.0

*freeze\_meeting:* SP-05

*history (event, available, version, comments):*

SP-04	23/06/1999	1	0	0
SP-05	13/10/1999	3	0	0
SP-06	17/12/1999	3	1	0
SP-07	15/03/2000	3	2	0
SP-08	23/06/2000	3	3	0
SP-09	11/10/2000	3	4	0
SP-11	30/03/2001	3	5	0
SP-12	04/07/2001	3	6	0
SP-13	03/10/2001	3	7	0

WG (prime / other): S3 / - *rapporteur:* BLANCHARD, Colin BT Group Plc  
G: U: yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:*  
*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 access.

# 3GPP specification status

Page 542

04 December 2003 12:02:45

ACTIVE specs R99 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

<b>TS 33.105</b>	<b>Cryptographic Algorithm requirements</b>					
R99	<i>current version:</i> 3.8.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation		
	<i>freeze_meeting:</i> SP-04	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-04 23/06/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-05 13/10/1999 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 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 11/10/2000 3 . 5 . 0	<a href="#">get it</a>				
	SP-10 22/12/2000 3 . 6 . 0	<a href="#">get it</a>				
	SP-11 30/03/2001 3 . 7 . 0	<a href="#">get it</a>				
	SP-12 04/07/2001 3 . 8 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 33.106</b>	<b>Lawful interception requirements</b>					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-08	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-04 23/06/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-06 17/12/1999 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>						
<b>TS 33.107</b>	<b>3G security; Lawful interception architecture and functions</b>					
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-04 23/06/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-10 22/12/2000 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-11 30/03/2001 3 . 2 . 0	<a href="#">get it</a>				
	SP-13 03/10/2001 3 . 3 . 0	<a href="#">get it</a>				
	SP-14 07/01/2002 3 . 4 . 0	<a href="#">get it</a>				
	SP-15 26/03/2002 3 . 5 . 0	<a href="#">get it</a>				

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 543

04 December 2003 12:02:45

ACTIVE specs R99 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

<b>TS 33.120</b>	<b>Security Objectives and Principles</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-03		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	Table of Contents and Scope	04/03/1999	0	0	1	<a href="#">get it</a> <i>remarks - general:</i>
	First complete draft	26/03/1999	1	0	0	<a href="#">get it</a> <i>remarks - this release:</i> .
	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	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOM, Rolf		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-04		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-03	23/04/1999	0	0	0	<a href="#">get it</a> <i>remarks - general:</i>
	SP-04	23/06/1999	3	0	0	<a href="#">get it</a> <i>remarks - this release:</i> .
<hr/>						
<b>TR 33.902</b>	<b>Formal Analysis of the 3G Authentication Protocol</b>					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> HORN, Guenther		SIEMENS AG
	<i>freeze_meeting:</i> SP-05		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-05	13/10/1999	3	0	0	<a href="#">get it</a> <i>remarks - general:</i>
	SP-06	17/12/1999	3	1	0	<a href="#">get it</a> <i>remarks - this release:</i> .
<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	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-07		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-07	17/03/2000	3	0	0	<a href="#">get it</a> <i>remarks - general:</i> TSG#7: S3-000105=NP-000049
						<i>remarks - this release:</i> Formerly 33.904.

---

---

R99

34 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 544

04 December 2003 12:02:45

ACTIVE specs R99 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

R99 current version: 3.13.0

WG (prime / other): T1 / - rapporteur: CHALABI, Nuhman ANRITSU LTD

freeze\_meeting: SP-08

G: U: yes MCC: SULTAN, Alain

history (event, available, version, comments):

Start of work		0	.	0	.	1			remarks - general:
TP-07	15/03/2000	1	.	0	.	0	TP-000032		remarks - this release: 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>	
TP-18	18/12/2002	3	.	10	.	0		<a href="#">get it</a>	
TP-19	24/03/2003	3	.	11	.	0		<a href="#">get it</a>	
TP-20	18/06/2003	3	.	12	.	0		<a href="#">get it</a>	
TP-21	10/10/2003	3	.	13	.	0		<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 545

04 December 2003 12:02:46

ACTIVE specs R99 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

R99 *current version:* 3.9.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* ARZELIER, Claude

*history (event, available, version, comments):*

RP-03	23/04/1999	0	.	0	.	0
RP-04	18/06/1999	0	.	2	.	0
RP-05	08/10/1999	1	.	0	.	0
RP-06	17/12/1999	1	.	0	.	3
next version	03/02/2000	1	.	1	.	0
RP-07	15/03/2000	1	.	2	.	0
RP-08	23/06/2000	3	.	0	.	0
RP-09	05/10/2000	3	.	1	.	0
RP-10	20/12/2000	3	.	2	.	0
RP-11	27/03/2001	3	.	3	.	0
RP-12	19/06/2001	3	.	4	.	0
RP-15	19/03/2002	3	.	5	.	0
RP-16	17/06/2002	3	.	6	.	0
RP-17	18/09/2002	3	.	7	.	0
RP-18	13/01/2003	3	.	8	.	0
RP-19	25/03/2003	3	.	9	.	0

[get it](#)

*remarks - general:*

TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9:

[get it](#)

*remarks - this release:*

Stable, so txfered from T1 to R2.

[get it](#)

[get it](#)

[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 access.

# 3GPP specification status

Page 546

04 December 2003 12:02:46

ACTIVE specs R99 34 .- series  
Server location: [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:* 3.14.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* SULTAN, Alain

*history (event, available, version, comments):*

TP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
TP-04	18/06/1999	1 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>
TP-05	08/10/1999	1 . 2 . 0	<a href="#">get it</a>	
TP-06	17/12/1999	1 . 5 . 0	<a href="#">get it</a>	
TP-07	15/03/2000	2 . 0 . 0	<a href="#">get it</a>	
TP-07	15/03/2000	3 . 0 . 0	<a href="#">get it</a>	
Editorial	15/03/2000	3 . 0 . 1	<a href="#">get it</a>	
TP-08	23/06/2000	3 . 1 . 0	<a href="#">get it</a>	
TP-09	05/10/2000	3 . 2 . 0	<a href="#">get it</a>	
TP-10	21/12/2000	3 . 3 . 0	<a href="#">get it</a>	
TP-11	28/03/2001	3 . 4 . 0	<a href="#">get it</a>	
TP-12	18/06/2001	3 . 5 . 0	<a href="#">get it</a>	
TP-13	03/10/2001	3 . 6 . 0	<a href="#">get it</a>	
TP-14	09/01/2002	3 . 7 . 0	<a href="#">get it</a>	
TP-15	20/03/2002	3 . 8 . 0	<a href="#">get it</a>	
TP-16	17/06/2002	3 . 9 . 0	<a href="#">get it</a>	
TP-17	05/09/2002	3 . 10 . 0	<a href="#">get it</a>	
TP-18	18/12/2002	3 . 11 . 0	<a href="#">get it</a>	
TP-19	24/03/2003	3 . 12 . 0	<a href="#">get it</a>	
TP-20	17/06/2003	3 . 13 . 0	<a href="#">get it</a>	
TP-21	10/10/2003	3 . 14 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 547

04 December 2003 12:02:47

ACTIVE specs R99 34 .- series  
Server location: [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:* 3.11.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* SULTAN, Alain

*history (event, available, version, comments):*

TP-04	18/06/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
TP-05	08/10/1999	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
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>	
TP-18	18/12/2002	3 . 10 . 0	<a href="#">get it</a>	
TP-19	24/03/2003	3 . 11 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 548

04 December 2003 12:02:47

ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

## TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

R99 *current version:* 3.5.0 *WG (prime / other):* T1 / - *rapporteur:* SULTAN, Alain SOURCE COM  
*freeze\_meeting:* SP-08 G: U: yes *MCC:* SULTAN, Alain

*history (event, available, version, comments):*

TP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
TP-05	08/10/1999	0 . 0 . 4	<a href="#">get it</a>	<i>remarks - this release:</i>
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>	

---

## TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

R99 *current version:* 3.5.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-10 G: U: yes *MCC:* SULTAN, Alain

*history (event, available, version, comments):*

TP-03	23/04/1999	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>
TP-05	08/10/1999	0 . 0 . 6	<a href="#">get it</a>	<i>remarks - this release:</i> TSG#8: aprvl target postponed to end-00;TP-000137 TSG#9:2.0.0->3.1.0 (no 3.0.0 to keep in step with part 1).
TP-06	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>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 549

04 December 2003 12:02:47

ACTIVE specs R99 34 .- series  
Server location: [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)

R99 *current version:* 3.3.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain

*history (event, available, version, comments):*

TP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
Start work if STF 0 . 0 . 1 *remarks - this release:*  
fund +T2 input

avail.

TP-11 28/03/2001 1 . 0 . 0 [get it](#)

TP-12 28/06/2001 1 . 0 . 3 TP-010124 [get it](#)

draft 11/10/2001 1 . 0 . 5 [get it](#)

TP-18 16/12/2002 2 . 0 . 0 [get it](#)

text = TP-020301 (see also TP-020302),  
ttcn = TP-020320 which will be available  
by 2002-12-20.

TP-18 18/12/2002 3 . 0 . 0 Availability delayed pending availability of [get it](#)  
.mp file.

TP-19 09/04/2003 3 . 1 . 0 [get it](#)

TP-20 04/07/2003 3 . 2 . 0 late availability due to delay in checking [get it](#)  
by WG members

TP-20 15/07/2003 3 . 2 . 1 Fixes bug in Telelogic tool output. [get it](#)

TP-21 31/10/2003 3 . 3 . 0 TTCN verification performed by Anritsu & [get it](#)  
Racal.

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 550

04 December 2003 12:02:48

ACTIVE specs R99 34 .- series  
Server location: [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:* 3.4.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

TP-03	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>	
RP-19	04/04/2003	3 . 4 . 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:* 3.0.0 *WG (prime / other):* T1 / - *rapporteur:* YOKOYAMA, Mitsuru Agilent Technologies Japan, Ltd  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* SULTAN, Alain

*history (event, available, version, comments):*

TP-20	17/06/2003	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 2002-09-16: 34.801 -> 34.901.
TP-20	17/06/2003	2 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> 2002-09-26: Anticipate approval at TP-18.
				TP-030105
				TP-030145 (clause 4 modified). Doc claims to be v2.0.0
TP-20	18/06/2003	3 . 0 . 0	<a href="#">get it</a>	

---

## 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 Company  
*freeze\_meeting:* SP-05 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

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 access.

# 3GPP specification status

Page 551

04 December 2003 12:02:48

ACTIVE specs R99 34 .- series  
Server location: [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, comments):*  
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, comments):*  
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, comments):*  
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 access; U = required in systems with UMTS access.



# 3GPP specification status

Page 552

04 December 2003 12:02:48

ACTIVE specs R99 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

---

**TS 35.203 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, comments):*

SP-07	17/03/2000	3	.	1	.	0	SAGE only supplied PDF, so no real deliverable yet available	<a href="#">get it</a>	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence
Formatting	16/07/2001	3	.	1	.	1	Sage makes source file available.	<a href="#">get it</a>	
IPR, licence text	20/08/2001	3	.	1	.	2		<a href="#">get it</a>	

---

**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, comments):*

SP-07	17/03/2000	3	.	1	.	0	SAGE only supplied PDF, so no real deliverable yet available	<a href="#">get it</a>	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence
Formatting	12/07/2001	3	.	1	.	1	Sage makes source file available.	<a href="#">get it</a>	
IPR, licence text	20/08/2001	3	.	1	.	2		<a href="#">get it</a>	

---

## UMTS

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 Requirements for the UMTS Terrestrial Radio Access (UTRA) system**

UMTS *current version:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* MOULSLEY, Tim Philips Research Laboratories  
*freeze\_meeting:* *G:* *U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

draft		1	.	0	.	0			<i>remarks - general:</i> Produced by ETSI SMG2.
smg-22	13/06/1997	3	.	0	.	0		<a href="#">get it</a>	<i>remarks - this release:</i>
ETSI publication	28/11/1997	3	.	0	.	1		<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 553

04 December 2003 12:02:48

ACTIVE specs UMTS 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

---

UMTS **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

---

**TR 30.03U Selection procedures for the choice of radio transmission technologies of the UMTS**

UMTS *current version:* 3.2.0 *WG (prime / other):* GP / - *rapporteur:* BLANC, Patrick ALCATEL S.A.  
*freeze\_meeting:* G: U: *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
TC change control 13/06/1997 3 . 0 . 0 [get it](#) *remarks - general:*  
smg-23 17/10/1997 3 . 1 . 0 [get it](#) *remarks - this release:*  
smg-25 20/03/1998 3 . 2 . 0 [get it](#)

---

**TR 30.06U UTRA Concept Evaluation Reports**

UMTS *current version:* 3.0.0 *WG (prime / other):* GP / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* G: U: *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
First complete draft 01/12/1997 1 . 0 . 0 [get it](#) *remarks - general:*  
smg-24 15/12/1997 3 . 0 . 0 [get it](#) *remarks - this release:*

---

## R98

---

R98 **01** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

**TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system**

R98 *current version:* 7.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-20 25/06/2003 7 . 0 . 0 [get it](#) *remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for  
*remarks - this release:* . backwards extension to earlier releases.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 554

04 December 2003 12:02:49

ACTIVE specs R98 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

<b>TR 01.04</b>	<b>Abbreviations and acronyms</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<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	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	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	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version, comments):</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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	upgrade to R98 04/10/2001 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 access.

# 3GPP specification status

Page 555

04 December 2003 12:02:49

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

R98 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)**

R98 *current version:* 7.1.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*

---

**TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)**

R98 *current version:* 7.0.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 0 . 1 [get it](#) *remarks - this release:* #28: 7.0.0  
ETSI publication 13/12/1999 7 . 0 . 2 [get it](#)

---

**TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)**

R98 *current version:* 7.0.0 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 02.04 General on Supplementary Services**

R98 *current version:* 7.1.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
smg-29 25/06/1999 7 . 1 . 1 [get it](#)  
ETSI publication 28/12/1999 7 . 1 . 2 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 556

04 December 2003 12:02:49

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.06 Types of Mobile Stations (MS)**  
R98 *current version: 7.0.1* WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 29/12/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

---

**TS 02.07 Mobile Station (MS) Features**  
R98 *current version: 7.1.0* WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 03/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*  
SP-07 15/03/2000 7 . 1 . 0 [get it](#)

---

**TS 02.09 Security aspects**  
R98 *current version: 7.1.1* WG (prime / other): S3 / S1 / *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB  
*freeze\_meeting:* smg-29 NP Per  
G: yes U: *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release:*  
smg-31 16/02/2000 7 . 1 . 0 [get it](#)  
ETSI publication 29/08/2000 7 . 1 . 1 [get it](#)

---

**TS 02.11 Service Accessibility**  
R98 *current version: 7.1.0* WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-27 16/10/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 03/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*  
SP-11 02/04/2001 7 . 1 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 557

04 December 2003 12:02:50

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.16</b>	<b>International Mobile Station Equipment Identities (IMEI)</b>					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>		
	SP-08 23/06/2000 7 . 2 . 0		<a href="#">get it</a>			
<hr/>						
<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</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>			
<hr/>						
<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	<i>WG (prime / other):</i> 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, comments):</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>		
<hr/>						
<b>TS 02.22</b>	<b>Stage 1 for personalisation of GSM ME</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DURAND, Romain	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.24</b>	<b>Description of Charge Advice Information (CAI)</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 558

04 December 2003 12:02:50

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.30</b>	<b>Man-machine Interface (MMI) of the Mobile Station (MS)</b>					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-28 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>				
<hr/>						
<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	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version, comments):</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	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version, comments):</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	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version, comments):</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>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 559

04 December 2003 12:02:50

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.34</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, comments):</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 02.40</b>	<b>Procedures for Call Progress Indications</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
	edito 28/07/1999 7 . 0 . 1				<a href="#">get it</a>	<i>remarks - this release:</i>
<hr/>						
<b>TS 02.41</b>	<b>Operator Determined Barring</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<b>TS 02.42</b>	<b>Network Identity and Timezone (NITZ); Service Description, Stage 1</b>					
R98	<i>current version:</i> 7.0.0	<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, comments):</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 02.43</b>	<b>Support of Localised Service Area (SoLSA); Service description; Stage 1</b>					
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 7 . 0 . 0					<i>remarks - general:</i>
	smg-28 7 . 1 . 0					<i>remarks - this release:</i>
	SP-05 7 . 2 . 0					
	SP-08 07/09/2000 7 . 3 . 0				<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 560

04 December 2003 12:02:50

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.48 Security mechanisms for the SIM Application Toolkit; Stage 1**

R98 *current version: 7.0.0* WG (prime / other): T3 / S3 *rapporteur:* BARNES, Nigel MOTOROLA Ltd  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* DIETZE, Claus  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG9->T3@#31  
*remarks - this release:*

---

**TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1**

R98 *current version: 7.0.1* WG (prime / other): S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30  
ETSI publication 16/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

---

**TS 02.56 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1**

R98 *current version: 7.2.1* WG (prime / other): S1 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #27: 7.0.0 #28: 7.1.0 #29: 7.2.0  
ETSI PE 26/05/1999 7 . 1 . 1 [get it](#)  
smg-29 25/06/1999 7 . 2 . 0 [get it](#)  
ETSI publication 05/09/2000 7 . 2 . 1 [get it](#)

---

**TS 02.57 Mobile Station Application Execution Environment (MExE) Service description Stage 1**

R98 *current version: 7.1.0* WG (prime / other): S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #25: 7.0.0 #29: 7.1.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 561

04 December 2003 12:02:51

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.60</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	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>			
<hr/>						
<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, comments):</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, comments):</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, comments):</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>		

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 562

04 December 2003 12:02:51

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R98 *current version: 7.0.2*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0  
edito 25/06/1999 7 . 0 . 1  
publish EN 300 925 24/08/2000 7 . 0 . 2

*WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
*G: yes U:* *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

---

## TS 02.69 Voice Broadcast Service (VBS); Stage 1

R98 *current version: 7.0.2*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0  
smg-29 25/06/1999 7 . 0 . 1  
ETSI publication 29/12/1999 7 . 0 . 2

*WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
*G: yes U:* *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #28: 7.0.0*  
[get it](#)

---

## TS 02.71 Location Services (LCS); Stage 1

R98 *current version: 7.3.0*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-28 12/02/1999 1 . 0 . 0  
smg-29 25/06/1999 7 . 0 . 0  
SP-05 08/10/1999 7 . 1 . 0  
SP-06 15/12/1999 7 . 2 . 0  
SP-11 06/04/2001 7 . 3 . 0

*WG (prime / other):* S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*G: yes U:* *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

---

## TS 02.72 Call Deflection Service description; Stage 1

R98 *current version: 7.2.1*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-25 20/03/1998 7 . 0 . 0  
smg-27 16/10/1998 7 . 1 . 0  
smg-28 12/02/1999 7 . 2 . 0  
smg-29 25/06/1999 7 . 2 . 1

*WG (prime / other):* S1 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0*  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 563

04 December 2003 12:02:51

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.78</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)</b>					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-10 12/01/2001 7 . 1 . 0			<i>remarks - this release:</i>		
	SP-14 14/01/2002 7 . 2 . 0		<a href="#">get it</a>			
<hr/>						
<b>TS 02.79</b>	<b>Support of Optimal Routeing (SOR); Service definition (Stage 1)</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> FREY, Sophie	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.81</b>	<b>Line Identification Supplementary Services; Stage 1</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 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 02.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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		
<hr/>						
<b>TS 02.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JORGENSEN, Niels H.	TDC TELE DANMARK A/S		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 564

04 December 2003 12:02:52

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.84</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, comments):					
	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	TeliaSonera AB
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, comments):					
	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, comments):					
	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, comments):					
	smg-25 20/03/1998 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: #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1	
	smg-29 25/06/1999 7 . 1 . 1			<a href="#">get it</a>		
	ETSI publication 16/12/1999 7 . 1 . 2			<a href="#">get it</a>		
<hr/>						
<b>TS 02.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, comments):					
	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 access.

# 3GPP specification status

Page 565

04 December 2003 12:02:52

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.90</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, comments):</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, comments):</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, comments):</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, comments):</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 02.96</b>	<b>Name Identification Supplementary Services; Stage 1</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 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 access.

# 3GPP specification status

Page 566

04 December 2003 12:02:52

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.97 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, comments):*  
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:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
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 / *rapporteur:* SULTAN, Alain SOURCE COM  
*freeze\_meeting:* smg-29 T2 G: yes U: *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 567

04 December 2003 12:02:52

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.03 Numbering, Addressing and Identification

R98 *current version: 7.8.0* WG (prime / other): N4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-28	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.
NP-21	09/10/2003	7 . 8 . 0	<a href="#">get it</a>	

---

## TR 03.05 Technical performance objectives

R98 *current version: 7.0.0* WG (prime / other): NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

smg-29	25/06/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
				<i>remarks - this release: #29: 7.0.0</i>

---

## TS 03.07 Restoration Procedures

R98 *current version: 7.1.0* WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

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 access; U = required in systems with UMTS access.



# 3GPP specification status

Page 568

04 December 2003 12:02:53

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.08 Organization of Subscriber Data

R98 *current version: 7.5.0*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0  
smg-29 25/06/1999 7 . 1 . 0  
NP-06 17/12/1999 7 . 2 . 0  
NP-07 15/03/2000 7 . 3 . 0  
NP-09 31/10/2000 7 . 4 . 0  
NP-20 27/06/2003 7 . 5 . 0

*WG (prime / other):* N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.09 Handover Procedures

R98 *current version: 7.0.0*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

---

## TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

R98 *current version: 7.0.1*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-27 16/10/1998 7 . 0 . 0  
smg-29 26/06/1999 7 . 0 . 1

*WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*G: yes U:* *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

## TS 03.11 Technical Realization of Supplementary Services - General Aspects

R98 *current version: 7.0.1*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-29 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*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 569

04 December 2003 12:02:53

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.12 Location Registration Procedures**

R98 *current version: 7.0.0*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

---

**TS 03.13 Discontinuous Reception (DRX) in the GSM System**

R98 *current version: 7.0.0*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

---

**TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System**

R98 *current version: 7.0.1*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0  
edito 10/08/1999 7 . 0 . 1

*WG (prime / other):* N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #28: 7.0.0*

---

**TS 03.15 Technical Realization of Operator Determined Barring**

R98 *current version: 7.0.0*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*G: yes U:* Chalmers  
*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 access.

# 3GPP specification status

Page 570

04 December 2003 12:02:53

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.16 Subscriber Data Management

R98 *current version: 7.6.0*

*freeze\_meeting: smg-29*

*history (event, available, version, comments):*

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
NP-06	15/12/1999	7	.	2	.	0
NP-07	15/03/2000	7	.	3	.	0
NP-09	31/10/2000	7	.	4	.	0
NP-11	02/04/2001	7	.	5	.	0
NP-17	17/09/2002	7	.	6	.	0

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software

*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.18 Basic Call Handling

R98 *current version: 7.4.0*

*freeze\_meeting: smg-29*

*history (event, available, version, comments):*

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
NP-05	08/10/1999	7	.	2	.	0
NP-07	15/03/2000	7	.	3	.	0
NP-09	31/10/2000	7	.	4	.	0

*WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD

*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.19 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card

R98 *current version: 7.5.0*

*freeze\_meeting: smg-29*

*history (event, available, version, comments):*

smg-28	12/02/1999	1	.	0	.	0
smg-29	25/06/1999	7	.	0	.	0
smg-31	16/02/2000	7	.	1	.	0
TP-08	23/06/2000	7	.	2	.	0
TP-08	28/09/2000	7	.	3	.	0
TP-10	07/03/2001	7	.	4	.	0
TP-11	27/07/2001	7	.	5	.	0

*WG (prime / other):* T3 / - *rapporteur:* DIETRICH, Christian SchlumbergerSema - Schlumberger Systèmes S.A

*G: yes U:* *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* SMG9->T3@#31  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 571

04 December 2003 12:02:54

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.20</b>	<b>Security-related Network Functions</b>								
R98	<i>current version:</i> 7.2.0		<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> NGUYEN NGOC,		France Telecom			
	<i>freeze_meeting:</i> smg-29		GP	Sebastien					
			<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</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> #32:7.3.0? - status of CRs unclear.					
	smg-30 11/11/1999 7 . 2 . 0	CR at smg-32 would have created 7.3.0, but unclear whether or not approved	<a href="#">get it</a>						
<hr/>									
<b>TS 03.22</b>	<b>Functions related to Mobile Station (MS) in idle mode and group receive mode</b>								
R98	<i>current version:</i> 7.4.0		<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels Peter		MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-29			Skov					
			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	smg-28 12/02/1999 7 . 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-29 25/06/1999 7 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> group receive mode".					
	smg-30 11/11/1999 7 . 2 . 0		<a href="#">get it</a>						
	SP-06 15/12/1999 7 . 3 . 0		<a href="#">get it</a>						
	SP-11 11/04/2001 7 . 4 . 0		<a href="#">get it</a>						
<hr/>									
<b>TR 03.26</b>	<b>Multiband operation of GSM/DCS 1800 by a single operator</b>								
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter		MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-29			Skov					
			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</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>TR 03.30</b>	<b>Radio Network Planning Aspects</b>								
R98	<i>current version:</i> 7.1.0		<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf		TeliaSonera AB			
	<i>freeze_meeting:</i> smg-29			<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	smg-29 25/06/1999 7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>					
	smg-31 16/02/2000 7 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #29: 7.0.0 #31:7.1.0					

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 572

04 December 2003 12:02:54

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 2</b>				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
	smg-26 26/06/1998 7 . 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. SP-18: in fact, in 23.031.		
<hr/>					
<b>TS 03.32</b>	<b>Universal Geographical Area Description (GAD)</b>				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-08 23/06/2000 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	SP-18 09/01/2003 7 . 2 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 03.33</b>	<b>Lawful Interception; Stage 2</b>				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
	smg-28 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> #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>			
<hr/>					
<b>TS 03.34</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 2</b>				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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 03.35</b>	<b>Immediate Service Termination (IST); Stage 2</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	G: yes U:	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI publication 30/10/2001 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 573

04 December 2003 12:02:54

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.38 Alphabets and language-specific information

R98 *current version: 7.2.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

smg-26	26/06/1998	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: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0</i>
smg-29	25/06/1999	7	2	0	<a href="#">get it</a>

---

## TS 03.40 Technical realization of the Short Message Service (SMS)

R98 *current version: 7.5.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

smg-26	26/06/1998	7	0	0	<a href="#">get it</a> <i>remarks - general: 2003-12-03: Note that this spec also contains stage 3.</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	2	0	<a href="#">get it</a>
TP-05	08/10/1999	7	3	0	<a href="#">get it</a>
TP-06	15/12/1999	7	4	0	<a href="#">get it</a>
TP-14	11/01/2002	7	5	0	<a href="#">get it</a>

---

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R98 *current version: 7.4.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

smg-28	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>
TP-06	15/12/1999	7	2	0	<a href="#">get it</a>
TP-07	15/03/2000	7	3	0	<a href="#">get it</a>
TP-09	19/10/2000	7	4	0	<a href="#">get it</a>

---

## TS 03.42 SMS Compression

R98 *current version: 7.1.1* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

smg-26	26/06/1998	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>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 574

04 December 2003 12:02:55

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TR 03.43</b>	<b>Support of Videotex</b>								
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.					
	<i>freeze_meeting:</i> SP-08	G: yes U:	MCC:	RODERMUND, Friedhelm					
	<i>history (event, available, version, comments):</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>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>								
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH					
	<i>freeze_meeting:</i> SP-08	G: yes U:	MCC:	RODERMUND, Friedhelm					
	<i>history (event, available, version, comments):</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 03.45</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>								
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	BOSWARTHICK, David					
	<i>history (event, available, version, comments):</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 03.46</b>	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b>								
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	BOSWARTHICK, David					
	<i>history (event, available, version, comments):</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>TR 03.47</b>	<b>Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)</b>								
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH					
	<i>freeze_meeting:</i> SP-08	G: yes U:	MCC:	RODERMUND, Friedhelm					
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 575

04 December 2003 12:02:55

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.48</b>	<b>Security mechanisms for SIM application toolkit; Stage 2</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0		<a href="#">get it</a> <i>remarks - general:</i> SMG9->T3@#31			
	smg-29 25/06/1999 7 . 0 . 1		<a href="#">get it</a> <i>remarks - this release:</i>			
<hr/>						
<b>TR 03.49</b>	<b>Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH		
	<i>freeze_meeting:</i> SP-08	G: yes U:	MCC: RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</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 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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 #32:7.1.0			
	smg-32 20/06/2000 7 . 1 . 0		<a href="#">get it</a>			
	ETSI publication 28/11/2000 7 . 1 . 1		<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	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0		<a href="#">get it</a> <i>remarks - general:</i>			
	ETSI PE 26/05/1999 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 access; U = required in systems with UMTS access.



# 3GPP specification status

Page 576

04 December 2003 12:02:55

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.53</b>	<b>Tandem Free Operation (TFO); Service description; Stage 2</b>				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / NP / S2	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</i>				
	smg-25 20/03/1998 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Mar00: prime responsibility txfrd to SMG11	
	smg-29 25/06/1999 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	#25: 7.0.0	
<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>				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</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 03.56</b>	<b>GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2</b>				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROBERTS, Martin	Nortel	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	YOON, Sang-Ui	
	<i>history (event, available, version, comments):</i>				
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI PE 26/05/1999 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	#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	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BRENK, Lars	TTPCom Ltd	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	RODERMUND, Friedhelm	
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	TP-06 15/12/1999 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	#27: for info #29: 7.0.0 T#6: 7.1.0 expect TSG#7 CR to fix unimplementable one at TSG#6. TSG#7: 7.2.0	
	TP-07 15/03/2000 7 . 2 . 0	<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	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 577

04 December 2003 12:02:55

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R98 *current version:* 7.9.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

smg-28	12/02/1998	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>
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, comments):*

smg-31	16/02/2000	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
				<i>remarks - this release:</i>

---

## TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R98 *current version:* 7.1.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-29	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>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 578

04 December 2003 12:02:56

ACTIVE specs R98 03 .- series  
Server location: [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	G: yes U:	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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.) TSG#7: 7.3.0	
	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>		
	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 Pre-emption 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	G: yes U:	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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> 7.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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>	
	NP-09 12/10/2000 7 . 2 . 0		<a href="#">get it</a>		
	NP-21 10/10/2003 7 . 3 . 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> 7.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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>		
	NP-21 13/10/2003 7 . 3 . 0		<a href="#">get it</a>		

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 579

04 December 2003 12:02:56

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R98 *current version: 7.0.0*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-29 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, comments):*  
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-31b 17/04/2000 7 . 4 . 0  
SP-11 11/04/2001 7 . 5 . 0  
SP-12 29/06/2001 7 . 6 . 0  
SP-13 15/10/2001 7 . 7 . 0  
SP-14 07/01/2002 7 . 8 . 0  
SP-15 02/04/2002 7 . 9 . 0  
SP-16 17/06/2002 7 . 10 . 0

*WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute  
*G: yes U:* *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.72 Call Deflection stage 2

R98 *current version: 7.1.0*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-28 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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 580

04 December 2003 12:02:57

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R98 *current version: 7.2.0*

*freeze\_meeting: smg-29*

*history (event, available, version, comments):*

smg-28 12/02/1999 7 . 0 . 0  
smg-29 25/06/1999 7 . 1 . 0  
smg-30 11/11/1999 7 . 2 . 0

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* 2001-10-11: S2->N4 to align with ownership of 23.073.  
[get it](#) *remarks - this release:* #27: for info  
[get it](#)

---

## TS 03.78 customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R98 *current version: 7.8.1*

*freeze\_meeting: smg-29*

*history (event, available, version, comments):*

smg-28 12/02/1999 7 . 0 . 0  
ETSI publication 16/08/1999 7 . 0 . 1  
smg-29 25/06/1999 7 . 1 . 0  
NP-05 13/10/1999 7 . 2 . 0  
NP-07 17/03/2000 7 . 3 . 0  
NP-08 23/06/2000 7 . 4 . 0  
NP-10 04/01/2001 7 . 5 . 0  
NP-12 02/07/2001 7 . 6 . 0  
visible figures 04/07/2001 7 . 6 . 1  
NP-14 04/01/2002 7 . 7 . 0  
NP-16 17/06/2002 7 . 8 . 0  
Editorial correction 21/08/2002 7 . 8 . 1  
to SDLs

*WG (prime / other):* N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.  
*G: yes U:* *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R98 *current version: 7.3.0*

*freeze\_meeting: smg-29*

*history (event, available, version, comments):*

smg-28 12/02/1999 7 . 0 . 0  
smg-29 25/06/1999 7 . 1 . 0  
NP-05 08/10/1999 7 . 2 . 0  
NP-07 15/03/2000 7 . 3 . 0

*WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
Chalmers  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#7: 7.3.0  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 581

04 December 2003 12:02:57

ACTIVE specs R98 03 .- series  
Server location: [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	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-28 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>	
<hr/>					
<b>TS 03.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29 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 03.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2</b>				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29 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 03.84</b>	<b>Multi Party (MPPTY) Supplementary Services; Stage 2</b>				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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 03.85</b>	<b>Closed user Group (CUG) Supplementary Services; Stage 2</b>				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29 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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 582

04 December 2003 12:02:57

ACTIVE specs R98 03 .- series  
Server location: [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	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29 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 03.87</b>	<b>User-to-user signalling (UUS); Stage 2</b>				
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-28 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 17/12/1999 7 . 0 . 2	<a href="#">get it</a>			
<hr/>					
<b>TS 03.88</b>	<b>Call Barring (CB) supplementary services; Stage 2</b>				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29 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 03.90</b>	<b>Unstructured Supplementary Service Data (USSD)</b>				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CHOTAI, Sunil	mm02 plc	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29 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 03.91</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 2</b>				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29 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 access.

# 3GPP specification status

Page 583

04 December 2003 12:02:57

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.93 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2**  
R98 *current version: 7.0.0* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

---

**TS 03.96 Name Identification Supplementary Services; Stage 2**  
R98 *current version: 7.0.0* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

---

**TS 03.97 Multiple subscriber Profile (MSP); Stage 2**  
R98 *current version: 7.2.0* WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
NP-05 08/10/1999 7 . 1 . 1 [get it](#)  
NP-06 15/12/1999 7 . 2 . 0 [get it](#)

---

R98 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles**  
R98 *current version: 7.0.0* WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
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 access.



# 3GPP specification status

Page 584

04 December 2003 12:02:58

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration**  
R98 *current version: 7.0.0* *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* Skov  
*history (event, available, version, comments):* JORGENSEN, Per Johan  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

---

**TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**  
R98 *current version: 7.0.0* *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* Skov  
*history (event, available, version, comments):* THOMASEN, Gert  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 04.04 Layer 1 - General Requirements**  
R98 *current version: 7.0.0* *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 04.05 Data Link (DL) Layer General Aspects**  
R98 *current version: 7.1.2* *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* Skov  
*history (event, available, version, comments):* THOMASEN, Gert  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release:*  
smg-31 16/02/2000 7 . 1 . 0 [get it](#)  
Editorial correction 16/03/2000 7 . 1 . 1 [get it](#)  
ETSI publication 22/09/2000 7 . 1 . 2 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 585

04 December 2003 12:02:58

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R98 *current version: 7.2.1* WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 G: yes U: MCC: THOMASEN, Gert

*history (event, available, version, comments):*

smg-29	25/06/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
ETSI publication	14/12/1999	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>	
Editorial correction	16/02/2000	7 . 1 . 1	<a href="#">get it</a>	
ETSI publication	29/09/2000	7 . 1 . 2	<a href="#">get it</a>	
GP-03	31/01/2001	7 . 2 . 0	<a href="#">get it</a>	
edito	31/01/2001	7 . 2 . 1	<a href="#">get it</a>	

---

## 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, comments):*

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>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 586

04 December 2003 12:02:58

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

R98 current version: 7.20.1

freeze\_meeting: smg-29

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version, comments):

smg-28	12/02/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen
smg-29	25/06/1999	7 . 1 . 0	<a href="#">get it</a>	remarks - this release:	(even numbered CRs!)
edito	15/07/1999	7 . 1 . 1	<a href="#">get it</a>		
ETSI OAP	11/08/1999	7 . 1 . 2	<a href="#">get it</a>		
ETSI publication	29/12/1999	7 . 1 . 3	<a href="#">get it</a>		
NP-05	08/10/1999	7 . 2 . 0	<a href="#">get it</a>		
smg-30b	06/12/1999	7 . 3 . 0	<a href="#">get it</a>		
NP-06	15/12/1999	7 . 4 . 0	<a href="#">get it</a>		
ETSI publication	20/09/2000	7 . 4 . 2	<a href="#">get it</a>		
smg-31	16/02/2000	7 . 5 . 0	<a href="#">get it</a>		
edito	20/02/2000	7 . 5 . 1	<a href="#">get it</a>		
NP-07	15/03/2000	7 . 6 . 0	<a href="#">get it</a>		
ETSI publicaton	05/10/2000	7 . 6 . 1	<a href="#">get it</a>		
smg-31b	17/04/2000	7 . 7 . 0	<a href="#">get it</a>		
smg-32	28/06/2000	7 . 8 . 0	<a href="#">get it</a>		
GP-01/NP-09	12/10/2000	7 . 9 . 0	<a href="#">get it</a>		
edito	02/11/2000	7 . 9 . 1	<a href="#">get it</a>		
NP-10	02/01/2001	7 . 10 . 0	<a href="#">get it</a>		
GP-04	11/04/2001	7 . 11 . 0	<a href="#">get it</a>		
GP-05	18/06/2001	7 . 12 . 0	<a href="#">get it</a>		
NP-12	13/07/2001	7 . 13 . 0	<a href="#">get it</a>		
GP-06	14/09/2001	7 . 14 . 0	<a href="#">get it</a>		
GP-07	04/01/2002	7 . 15 . 0	<a href="#">get it</a>		
NP-14	07/01/2002	7 . 16 . 0	<a href="#">get it</a>		
GP-08	19/02/2002	7 . 17 . 0	<a href="#">get it</a>		
NP-17	17/09/2002	7 . 18 . 0	<a href="#">get it</a>		
NP-18	18/12/2002	7 . 19 . 0	<a href="#">get it</a>		
correction to	25/04/2003	7 . 19 . 1	<a href="#">get it</a>		
history box					
GP-15	10/07/2003	7 . 20 . 0	<a href="#">get it</a>		
edirial	12/09/2003	7 . 20 . 1	<a href="#">get it</a>		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 587

04 December 2003 12:02:59

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R98 *current version:* 7.1.0 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 G: yes U: MCC: KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 0 . 1 [get it](#) *remarks - this release:*  
NP-14 10/01/2002 7 . 1 . 0 [get it](#)

---

## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R98 *current version:* 7.1.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation  
*freeze\_meeting:* smg-29 G: yes U: MCC: JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
NP-09 12/10/2000 7 . 1 . 0 [get it](#) *remarks - this release:*

---

## TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R98 *current version:* 7.0.1 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release:* #29: 7.0.0

---

## TS 04.13 Performance Requirements on Mobile Radio Interface

R98 *current version:* 7.0.1 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* smg-29 G: yes U: MCC: JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release:* #29: 7.0.0

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 588

04 December 2003 12:02:59

ACTIVE specs 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 04.14</b>	<b>Individual equipment type requirements and interworking; Special conformance testing functions</b>					
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>					
	smg-29 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-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	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	edito 23/11/1998 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release: #27: 7.0.0 TSG#8:7.1.0</i>			
	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 Switching</b>					
R98	<i>current version:</i> Centre (BSS - MSC) interface	7.1.0	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI publication 31/08/1999 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
	NP-06 15/12/1999 7 . 1 . 0	<a href="#">get it</a>				

---

<b>TS 04.30</b>	<b>Location Services (LCS); Supplementary service operations; Stage 3</b>					
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-30b 06/12/1999 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>	Seems to be a dispute over ownership: SMG2 or 3 (plus CN-ss)? Decision: SMG3 and		
	smg-31 16/02/2000 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 589

04 December 2003 12:02:59

ACTIVE specs 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 04.31</b>	<b>Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)</b>				
R98	<i>current version:</i> 7.12.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-30	1 . 0 . 0		<i>remarks - general:</i>	
	smg-30b 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-31b 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>		
	GP-16 12/09/2003	7 . 12 . 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>				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-30b 06/12/1999	7 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-31b 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>		
<hr/>					
<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 S.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 590

04 December 2003 12:03:00

ACTIVE specs 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 04.57</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification</b>				
R98	<i>current version:</i> 7.0.3	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	JORGENSEN, Per Johan	
	<i>history (event, available, version, comments):</i>				
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI PE 26/05/1999 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> #28: 7.0.0		
	ETSI Vote 22/05/2000 7 . 0 . 2	<a href="#">get it</a>			
	ETSI publication 05/09/2000 7 . 0 . 3	<a href="#">get it</a>			
<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>				
R98	<i>current version:</i> 7.10.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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-30b 06/12/1999 7 . 2 . 0	<a href="#">get it</a>			
	smg-31 16/02/2000 7 . 3 . 0	<a href="#">get it</a>			
	smg-32 28/06/2000 7 . 5 . 0	<a href="#">get it</a>			
	GP-01 11/10/2000 7 . 6 . 0	<a href="#">get it</a>			
	GP-02 27/11/2000 7 . 7 . 0	<a href="#">get it</a>			
	GP-03 31/01/2001 7 . 8 . 0	<a href="#">get it</a>			
	GP-04 04/05/2001 7 . 9 . 0	<a href="#">get it</a>			
	GP-10 19/07/2002 7 . 10 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 04.63</b>	<b>Packet Data on Signalling channels Service (PDS) Service Description, Stage 3</b>				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	JORGENSEN, Per Johan	
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 591

04 December 2003 12:03:00

ACTIVE specs 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 04.64</b>	<b>General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification</b>				
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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>
	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	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-29	25/06/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.
	smg-30	11/11/1999	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
	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	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29	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

---

<b>TS 04.68</b>	<b>Group Call Control (GCC) Protocol</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, comments):</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>
	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 access.



# 3GPP specification status

Page 592

04 December 2003 12:03:00

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.69 Broadcast Call Control (BCC) protocol

R98 *current version: 7.2.0* WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
NP-07 15/03/2000 7 . 2 . 0 [get it](#)

---

## TS 04.71 Location Services (LCS); Mobile radio interface layer 3 specification

R98 *current version: 7.5.0* WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-28 12/02/1999 1 . 0 . 0 [get it](#) *remarks - general:* Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - this release:*  
smg-30b 15/12/1999 7 . 1 . 1 [get it](#)  
smg-32 28/06/2000 7 . 2 . 0 [get it](#)  
GP-05 18/06/2001 7 . 3 . 0 [get it](#)  
GP-07 08/01/2002 7 . 4 . 0 [get it](#)  
GP-10 22/07/2002 7 . 5 . 0 [get it](#)

---

## TS 04.72 Call Deflection (CD) Supplementary Service; Stage 3

R98 *current version: 7.0.1* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 30/10/2001 7 . 0 . 1 [get it](#) *remarks - this release:* #27: for info #28: 7.0.0

---

## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R98 *current version: 7.4.1* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
NP-06 15/12/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
NP-07 15/03/2000 7 . 2 . 0 [get it](#)  
NP-08 21/06/2000 7 . 3 . 0 [get it](#)  
NP-09 28/09/2000 7 . 4 . 0 [get it](#)  
editorial 09/10/2003 7 . 4 . 1 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 593

04 December 2003 12:03:01

ACTIVE specs 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 04.81</b>	<b>Line Identification Supplementary Services; Stage 3</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	Publication 12/01/2000 7 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release: #29: 7.0.0</i>		
<hr/>						
<b>TS 04.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 3</b>					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	<to be defined> 14/12/1999 7 . 0 . 2		<a href="#">get it</a>	<i>remarks - this release: #28: 7.0.0</i>		
<hr/>						
<b>TS 04.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	Publication 12/01/2000 7 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release: #29: 7.0.0</i>		
<hr/>						
<b>TS 04.84</b>	<b>Multi Party (MPPTY) Supplementary Services; Stage 3</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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: #29: 7.0.0</i>		
<hr/>						
<b>TS 04.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 3</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-29 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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 594

04 December 2003 12:03:01

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release:* #29: 7.0.0

---

## TS 04.87 User-to-User Signalling (UUS) Supplementary Service; Stage 3

R98 *current version:* 7.0.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 16/12/1999 7 . 0 . 2 [get it](#) *remarks - this release:* #28: 7.0.0

---

## TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

R98 *current version:* 7.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #29: 7.0.0

---

## TS 04.90 Unstructured Supplementary Service Data (USSD)

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release:* #29: 7.0.0

---

## TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release:* #29: 7.0.0

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 595

04 December 2003 12:03:01

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release:* #29: 7.0.0

---

## TS 04.96 Name Identification Supplementary Services; Stage 3

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release:* #29: 7.0.0

---

R98 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.01 Physical Layer on the Radio Path (General Description)

R98 *current version:* 7.2.0  
*freeze\_meeting:* smg-29  
*history (event, available, version, comments):*  
smg-28 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 access.

# 3GPP specification status

Page 596

04 December 2003 12:03:02

ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R98 *current version: 7.7.0*

*freeze\_meeting: smg-29*

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
G: yes U: *MCC:* USAI, Paolino

*history (event, available, version, comments):*

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-30b	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-31b	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

[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

R98 *current version: 7.3.1*

*freeze\_meeting: smg-29*

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
G: yes U: *MCC:* USAI, Paolino

*history (event, available, version, comments):*

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.3.0*  
[get it](#)  
[get it](#)  
[get it](#)

## TS 05.04 Modulation

R98 *current version: 7.3.0*

*freeze\_meeting: smg-29*

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
G: yes U: *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-29	25/06/1999	7	.	0	.	0
ETSI publication	20/06/2000	7	.	0	.	1
smg-30b	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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 597

04 December 2003 12:03:02

ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.05 Radio Transmission and Reception

R98 *current version: 7.9.0*

*freeze\_meeting: smg-29*

*history (event, available, version, comments):*

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-31b	17/04/2000	7	.	4	.	0
ETSI publication	27/10/2000	7	.	4	.	1
GP-01	10/10/2000	7	.	5	.	0
GP-06	01/10/2001	7	.	6	.	0
GP-09	06/05/2002	7	.	7	.	0
GP-10	19/07/2002	7	.	8	.	0
GP-11	19/09/2002	7	.	9	.	0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson

G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[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*

*history (event, available, version, comments):*

smg-25		7	.	0	.	0
smg-29		7	.	1	.	0
smg-30		7	.	2	.	0
smg-30b		7	.	3	.	0
ETSI publication		7	.	3	.	1
smg-31b	17/04/2000	7	.	4	.	0
ETSI publication		7	.	4	.	1
GP-01	10/10/2000	7	.	5	.	0
GP-02	24/11/2000	7	.	6	.	0
edito	30/11/2000	7	.	6	.	1
GP-06	01/10/2001	7	.	7	.	0

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc

G: yes U: *MCC:* USAI, Paolino

*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 access.

# 3GPP specification status

Page 598

04 December 2003 12:03:03

ACTIVE specs R98 05 .- series  
Server location: [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:</i> 7.7.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29			Skov	
		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-28 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:</i> 7.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES	
	<i>freeze_meeting:</i> smg-29			USAI, Paolino	
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	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-31b 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:</i> 7.2.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> KANGAS, Antti	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29			USAI, Paolino	
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	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 access.

# 3GPP specification status

Page 599

04 December 2003 12:03:03

ACTIVE specs R98 05 .- series  
Server location: [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	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	Upgrade to 30/03/2000 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	Release 98		<i>remarks - this release:</i>		
<hr/>					
<b>TR 05.50</b>	<b>Background for RF Requirements</b>				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino	Skov	
	<i>history (event, available, version, comments):</i>				
	smg-26 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> #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-31b 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	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-28 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>		
	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	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	upgrade to R98 10/04/2001 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> 2001-01-31: Record created on request of GERAN convenor. No R99 required tho.		

---

R98

06 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 600

04 December 2003 12:03:03

ACTIVE specs R98 06 .- series  
Server location: [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:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-28 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:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-28 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:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 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:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 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:</i> 7.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 601

04 December 2003 12:03:04

ACTIVE specs R98 06 .- series  
Server location: [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, comments):*  
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 files 29/03/2000 7 . 0 . 3  
inclusion of doc file 31/05/2000 7 . 0 . 4  
(!)  
smg-32 20/06/2000 7 . 1 . 0  
SP-12 29/06/2001 7 . 2 . 0

WG (prime / other): S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors  
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

[get it](#)  
[get it](#)  
[get it](#)

[get it](#)  
[get it](#)

---

## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R98 *current version: 7.0.1*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0  
ETSI Publication 29/12/1999 7 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #29: 7.0.0*

---

## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R98 *current version: 7.1.0*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-29 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 TELECOM ITALIA S.p.A.  
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #29: 7.0.0*

[get it](#)

---

## TS 06.20 Half Rate Speech Transcoding

R98 *current version: 7.0.1*  
*freeze\_meeting: smg-29*  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0  
ETSI publication 17/01/2000 7 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #29: 7.0.0*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 602

04 December 2003 12:03:04

ACTIVE specs R98 06 .- series  
Server location: [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	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI publication 17/01/2000 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
<b>TS 06.22</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 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:</i> #29: 7.0.0		
<hr/>					
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 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 06.32</b>	<b>Voice Activity Detection (VAD)</b>				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI Publication 13/01/2000 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
<b>TS 06.41</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 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:</i> #29: 7.0.0		

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 603

04 December 2003 12:03:04

ACTIVE specs R98 06 .- series  
Server location: [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:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version, comments):</i>						
	smg-29 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:</i> #29: 7.0.0			
<hr/>						
<b>TS 06.51</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version, comments):</i>						
	smg-28 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 #32:7.1.0 TSG#10:7.2.0			
	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:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version, comments):</i>						
	smg-29 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:</i> 7.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version, comments):</i>						
	smg-29 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 acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 604

04 December 2003 12:03:05

ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

**TR 06.55 Performance characterisation of the GSM EFR Speech Codec**  
R98 *current version: 7.0.0* WG (prime / other): S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

---

**TS 06.60 Enhanced full rate speech transcoding**  
R98 *current version: 7.0.2* WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 13/12/1999 7 . 0 . 2 [get it](#) *remarks - this release: #28: 7.0.0*

---

**TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels**  
R98 *current version: 7.0.1* WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release: #29: 7.0.0*

---

**TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels**  
R98 *current version: 7.0.1* WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release: #29: 7.0.0*

---

**TS 06.71 Adaptive Multi-Rate speech processing functions; General description**  
R98 *current version: 7.0.2* WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG11->S4 at SMG#30*  
ETSI Publication 16/12/1999 7 . 0 . 2 [get it](#) *remarks - this release: #28: 7.0.0*

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 605

04 December 2003 12:03:05

ACTIVE specs R98 06 .- series  
Server location: [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 S.p.A.  
*freeze\_meeting: smg-29* G: yes U: *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-28	12/02/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SMG11->S4 at SMG#30
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 #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	<a href="#">get it</a>	
SP-06	17/12/1999	7 . 3 . 0	<a href="#">get it</a>	
SP-07	15/03/2000	7 . 4 . 0	<a href="#">get it</a>	
ETSI Publication	28/09/2000	7 . 4 . 1	<a href="#">get it</a>	
SP-11	10/04/2001	7 . 5 . 0	<a href="#">get it</a>	
SP-14	09/01/2002	7 . 6 . 0	<a href="#">get it</a>	

---

## 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, comments):*

smg-28	12/02/1999	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SMG11->S4 at SMG#30
SP-06	17/12/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
corrected test vectors	04/02/2000	7 . 0 . 1	<a href="#">get it</a>	
corrected test vectors	14/09/2000	7 . 0 . 2	<a href="#">get it</a>	
ETSI publication	05/10/2000	7 . 0 . 3	<a href="#">get it</a>	
SP-11	10/04/2001	7 . 1 . 0	<a href="#">get it</a>	
corrected tests	04/07/2001	7 . 1 . 1	<a href="#">get it</a>	
SP-15	28/03/2002	7 . 2 . 0	<a href="#">get it</a>	
SP-16	28/06/2002	7 . 3 . 0	<a href="#">get it</a>	

---

## 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 S.p.A.  
*freeze\_meeting: smg-29* G: yes U: *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-29	25/06/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SMG11->S4 at SMG#30
smg-30	11/11/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> SMG#29 1.0.0 for information SMG#30: 7.0.0 SA#6: 7.1.0. TSG#7: 7.2.0
SP-06	17/12/1999	7 . 1 . 0	<a href="#">get it</a>	
SP-07	17/03/2000	7 . 2 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 606

04 December 2003 12:03:05

ACTIVE specs R98 06 .- series  
Server location: [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 S.p.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-31 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 figures 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, comments):</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, comments):</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 S.p.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-29 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 access.

# 3GPP specification status

Page 607

04 December 2003 12:03:06

ACTIVE specs R98 06 .- series  
Server location: [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 S.p.A.  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version, comments):*  
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 S.p.A.  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version, comments):*  
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 S.p.A.  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version, comments):*  
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 S.p.A.  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version, comments):*  
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 access; U = required in systems with UMTS access.



# 3GPP specification status

Page 608

04 December 2003 12:03:06

ACTIVE specs R98 06 .- series  
Server location: [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 S.p.A.  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version, comments):*  
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: HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting: smg-29* G: yes U: MCC: BOSWARTHICK, David  
*history (event, available, version, comments):*  
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
ETSI Publication 10/08/1999 7 . 1 . 1 [get it](#)

---

**TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities**  
R98 *current version: 7.0.1* WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting: smg-29* G: yes U: MCC: BOSWARTHICK, David  
*history (event, available, version, comments):*  
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 10/08/1999 7 . 0 . 1 [get it](#) *remarks - this release: #27: 7.0.0*

---

**TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities**  
R98 *current version: 7.0.0* WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting: smg-29* G: yes U: MCC: BOSWARTHICK, David  
*history (event, available, version, comments):*  
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 access.

# 3GPP specification status

Page 609

04 December 2003 12:03:06

ACTIVE specs R98 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

**TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)**

R98 *current version:* 7.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

---

**TS 07.07 AT Command set for GSM Mobile Equipment (ME)**

R98 *current version:* 7.8.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson  
*freeze\_meeting:* SP-08 *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-27 16/10/1998 7 . 1 . 0 [get it](#) *remarks - this release:*  
smg-28 12/02/1999 7 . 2 . 0 [get it](#)  
smg-29 25/06/1999 7 . 3 . 0 [get it](#)  
TP-05 13/10/1999 7 . 4 . 0 [get it](#)  
TP-06 15/12/1999 7 . 5 . 0 [get it](#)  
TP-11 06/04/2001 7 . 6 . 0 [get it](#)  
TP-14 11/01/2002 7 . 7 . 0 [get it](#)  
TP-19 28/03/2003 7 . 8 . 0 [get it](#)

---

**TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol**

R98 *current version:* 7.2.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
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, comments):*  
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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 610

04 December 2003 12:03:07

ACTIVE specs R98 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

R98 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**  
R98 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 Skov  
THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0  
[get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles**  
R98 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 Skov  
THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0  
[get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification**  
R98 *current version:* 7.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 Skov  
THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0  
ETSI Publication 17/08/1999 7 . 0 . 1  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

**TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
R98 *current version:* 7.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 Skov  
THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0  
ETSI Publication 17/08/1999 7 . 0 . 1  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 611

04 December 2003 12:03:07

ACTIVE specs R98 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

R98 *current version: 7.7.0* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting: smg-29*

G: yes U: MCC: THOMASEN, Gert

*history (event, available, version, comments):*

smg-25	20/03/1998	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:
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-30b	06/12/1999	7 . 4 . 0	<a href="#">get it</a>	
smg-31b	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>	

---

## TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

R98 *current version: 7.0.1* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting: smg-29*

G: yes U: MCC: THOMASEN, Gert

*history (event, available, version, comments):*

smg-28	12/02/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:
ETSI Publication	30/08/1999	7 . 0 . 1	<a href="#">get it</a>	remarks - this release:

---

## TS 08.16 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service

R98 *current version: 7.1.0* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting: smg-29*

G: yes U: MCC: THOMASEN, Gert

*history (event, available, version, comments):*

smg-28	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:

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 612

04 December 2003 12:03:07

ACTIVE specs 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 08.18</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:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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:	MCC:	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-30 1 . 0 . 0			<i>remarks - general:</i>	
	smg-30b 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 Transceiver 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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 613

04 December 2003 12:03:08

ACTIVE specs 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 08.52</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles</b>				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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 (BSC-BTS) Interface Layer 3 Specification</b>				
R98	<i>current version:</i> 7.4.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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 #30: 7.2.0 #31:7.4.0		
	smg-30 11/11/1999 7 . 2 . 0	<a href="#">get it</a>			
	smg-31 16/02/2000 7 . 4 . 0	<a href="#">get it</a>			
	ETSI Publication 26/05/2000 7 . 4 . 1	<a href="#">get it</a>			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 614

04 December 2003 12:03:08

ACTIVE specs 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 08.60</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 Peter	MOTOROLA A/S	
	freeze_meeting: smg-29		Skov		
		G: yes U:	MCC: USAI, Paolino		
history (event, available, version, comments):					
	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-30b	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 Peter	MOTOROLA A/S	
	freeze_meeting: smg-29		Skov		
		G: yes U:	MCC: USAI, Paolino		
history (event, available, version, comments):					
	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-30b	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 S.p.A.	
	freeze_meeting: smg-29		MCC: USAI, Paolino		
		G: yes U:			
history (event, available, version, comments):					
	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 access.

# 3GPP specification status

Page 615

04 December 2003 12:03:08

ACTIVE specs R98 08 .- series  
Server location: [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 Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 G: yes U: MCC: THOMASEN, Gert  
Skov

*history (event, available, version, comments):*

smg-29	25/06/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-30b	06/12/1999	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
edito	31/12/1999	7 . 1 . 1	<a href="#">get it</a>	
smg-31	16/02/2000	7 . 2 . 0	<a href="#">get it</a>	
smg-31b	17/04/2000	7 . 3 . 0	<a href="#">get it</a>	
GP-02	30/11/2000	7 . 4 . 0	<a href="#">get it</a>	
GP-06	14/09/2001	7 . 5 . 0	<a href="#">get it</a>	
GP-07	08/01/2002	7 . 6 . 0	<a href="#">get it</a>	

---

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 TeliaSonera AB  
*freeze\_meeting:* smg-29 G: yes U: MCC: KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-29	25/06/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
--------	------------	-----------	------------------------	---------------------------

*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 616

04 December 2003 12:03:08

ACTIVE specs R98 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

R98 current version: 7.14.0

freeze\_meeting: smg-29

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software  
G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-28 12/02/1999 7 . 0 . 0  
smg-29 25/06/1999 7 . 1 . 0  
NP-05 08/10/1999 7 . 2 . 0  
NP-06 13/12/1999 7 . 3 . 0  
NP-07 15/03/2000 7 . 4 . 0  
NP-08 21/06/2000 7 . 5 . 0  
edito 04/09/2000 7 . 5 . 1  
NP-09 08/11/2000 7 . 6 . 0  
NP-10 21/12/2000 7 . 7 . 0  
NP-11 06/04/2001 7 . 8 . 0  
NP-12 06/07/2001 7 . 9 . 0  
NP-14 18/01/2002 7 . 10 . 0  
NP-15 04/04/2002 7 . 11 . 0  
NP-18 08/01/2003 7 . 12 . 0  
NP-19 07/04/2003 7 . 13 . 0  
NP-21 09/10/2003 7 . 14 . 0

[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](#)

---

## TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile

R98 current version: Network (PLMN)

7.0.0 WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David

ETSI Secretariat

freeze\_meeting: smg-29

G: yes U: MCC: BOSWARTHICK, David

history (event, available, version, comments):

smg-29 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, comments):

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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 617

04 December 2003 12:03:09

ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>								
R98	<i>current version:</i> 7.0.0	WG (prime / other):	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> smg-29	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	smg-29 25/06/1999 7 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#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	<i>current version:</i> <b>Switched Data Transmission Services</b>	7.0.0	WG (prime / other):	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David		
ETSI Secretariat									
	<i>freeze_meeting:</i> smg-29	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	smg-29 25/06/1999 7 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#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 Network</b>								
R98	<i>current version:</i> <b>(PSTN)</b>	7.2.0	WG (prime / other):	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> smg-29	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	smg-27 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: 7.1.1 N#6: 7.2.0			
	smg-29 25/06/1999 7 . 1 . 1			<a href="#">get it</a>					
	NP-06 15/12/1999 7 . 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>								
R98	<i>current version:</i> 7.2.0	WG (prime / other):	N1 / -	<i>rapporteur:</i>	FARHOUMAND, Rouzbeh	Ericsson Incorporated			
	<i>freeze_meeting:</i> smg-29	G: yes	U:	<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</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 tsg#6:(7.1.0 then) 7.2.0			
	NP-06 13/12/1999 7 . 2 . 0			<a href="#">get it</a>					

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 618

04 December 2003 12:03:09

ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.10</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	<i>current version:</i> <b>Procedures and the Mobile Application Part (MAP)</b>	7.2.0	WG (prime / other):	N4	/ -	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>									
	smg-29	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> #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>	
<hr/>									
<b>TS 09.11</b>	<b>Signalling Interworking for Supplementary Services</b>								
R98	<i>current version:</i> 7.0.1		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>									
	smg-28	12/02/1999	7	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
	ETSI Publication	12/03/1999	7	.	0	.	1	<a href="#">get it</a>	<i>remarks - this release:</i> #28: 7.0.0
<hr/>									
<b>TS 09.13</b>	<b>Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols</b>								
R98	<i>current version:</i> 7.0.0		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>									
	smg-29	25/06/1999	7	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
									<i>remarks - this release:</i>
<hr/>									
<b>TS 09.14</b>	<b>Application of ISDN User Part (ISUP) Version 3 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol</b>								
R98	<i>current version:</i> 7.0.2		WG (prime / other):	SPAN / N4		<i>rapporteur:</i>	SPORTON, Simon	VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:			
<i>history (event, available, version, comments):</i>									
	SPS approval	30/06/1999	7	.	0	.	1	<a href="#">get it</a>	<i>remarks - general:</i> EN 302 646
	ETSI publication	26/09/2000	7	.	0	.	2	<a href="#">get it</a>	<i>remarks - this release:</i> (SPAN1)
<hr/>									
<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	<i>current version:</i> 7.0.1		WG (prime / other):	N1	/ -	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:	JORGENSEN, Per Johan		
<i>history (event, available, version, comments):</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>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 619

04 December 2003 12:03:09

ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

**TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification**  
R98 *current version: 7.5.0* WG (prime / other): N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

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-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>	

---

**TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)**  
R98 *current version: 7.7.0* WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

smg-30b	06/12/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-31	16/02/2000	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
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 access.

# 3GPP specification status

Page 620

04 December 2003 12:03:10

ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

## TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface

R98 *current version:* 7.10.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

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	7 . 7 . 2	<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>	
NP-18	07/01/2003	7 . 10 . 0	<a href="#">get it</a>	

---

## TS 09.61 General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)

R98 *current version:* 7.10.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

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>	
NP-18	09/01/2003	7 . 8 . 0	<a href="#">get it</a>	
NP-19	27/03/2003	7 . 9 . 0	<a href="#">get it</a>	
NP-20	23/06/2003	7 . 10 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 621

04 December 2003 12:03:10

ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.78</b>	<b>CAMEL Application Part phase 2 (stage 3)</b>								
R98	current version: 7.1.0	WG (prime / other):	N2 / -	rapporteur:	NOLDUS, Rogier	Telefon AB LM Ericsson			
	freeze_meeting: smg-29	G: yes	U:	MCC:	JURISIC, Andrijana				
	history (event, available, version, comments):								
	smg-29 25/06/1999	7	. 0 . 0	<a href="#">get it</a>	remarks - general:				
	NP-08 21/06/2000	7	. 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>								
R98	current version: 7.0.1	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels Peter	MOTOROLA A/S			
	freeze_meeting: smg-28	G: yes	U:	MCC:	Skov	JORGENSEN, Per Johan			
	history (event, available, version, comments):								
	NP-16 26/06/2002	7	. 0 . 0	<a href="#">get it</a>	remarks - general:				
	edito post NP-18 16/12/2002	7	. 0 . 1	<a href="#">get it</a>	remarks - this release:	2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.			
						minor editorials to change style from TS to TR.			
<hr/>									
<b>TR 09.95</b>	<b>Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles</b>								
R98	current version: 7.3.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels Peter	MOTOROLA A/S			
	freeze_meeting: GP-04	G: yes	U:	MCC:	Skov	USAI, Paolino			
	history (event, available, version, comments):								
	GP-04 20/04/2001	7	. 0 . 0	<a href="#">get it</a>	remarks - general:				
	GP-07 04/01/2002	7	. 1 . 0	<a href="#">get it</a>	remarks - this release:				
	GP-08 19/02/2002	7	. 2 . 0	<a href="#">get it</a>					
	GP-12 03/01/2003	7	. 3 . 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>TS 10.00</b>	<b>Digital Cellular Telecommunication System Feature Description</b>								
R98	current version: 7.1.0	WG (prime / other):	S2 / -	rapporteur:	BERGMANN, Ansgar	Deutsche Telekom AG			
	freeze_meeting: smg-29	G: yes	U:	MCC:	YOON, Sang-Ui				
	history (event, available, version, comments):								
	smg-26 11/09/1998	7	. 0 . 0	<a href="#">get it</a>	remarks - general:				
	smg-27	7	. 1 . 0		remarks - this release:	#27: 7D1.0			
						Not available			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 622

04 December 2003 12:03:10

ACTIVE specs R98 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

**TS 10.56 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1**  
R98 *current version:* 7.0.0 *WG (prime / other):* S2 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
draft 28/08/1998 2 . 0 . 1 [get it](#) *remarks - general:*  
smg-27 09/02/2000 7 . 0 . 0 [get it](#) *remarks - this release:*

---

**TS 10.70 GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR**  
R98 *current version:* 0.2.1 DRAFT *WG (prime / other):* S4 / - *rapporteur:* VACANT, USAI, Paolino  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:*  
*history (event, available, version, comments):*  
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; Part 1: Conformance specification**  
R98 *current version:* 7.3.0 *WG (prime / other):* G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced  
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.  
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 access.

# 3GPP specification status

Page 623

04 December 2003 12:03:11

ACTIVE specs R98 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R98 *current version: 7.7.0* WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.

*freeze\_meeting: smg-32*

G: yes U:

MCC: DIETZE, Claus

*history (event, available, version, comments):*

smg-26	26/06/1998	7	.	0	.	0
smg-27	16/10/1998	7	.	1	.	0
smg-28	12/02/1999	7	.	2	.	0
smg-29	25/06/1999	7	.	3	.	0
smg-30	11/11/1999	7	.	4	.	0
smg-31	16/02/2000	7	.	5	.	0
smg-32	28/06/2000	7	.	6	.	0
edito	24/07/2000	7	.	6	.	1
TP-14	17/01/2002	7	.	7	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 11.13 Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card

R98 *current version: 7.4.2* WG (prime / other): T3 / - rapporteur: LLOBREGAT, Fernando Indicate persons who left Company and wait for new One

*freeze\_meeting: SP-11*

G: yes U:

MCC: DIETZE, Claus

*history (event, available, version, comments):*

T3-16 0 . 2 . 0

TP-10 11/01/2001 1 . 0 . 0

TP-11 16/05/2001 7 . 0 . 0

late delivery due to very poor initial formatting

edito 08/08/2002 7 . 0 . 1

7.0.0. had wrong date on cover page / header

TP-12 12/07/2001 7 . 1 . 0

TP-13 12/10/2001 7 . 2 . 0

TP-14 01/02/2002 7 . 3 . 0

TP-15 04/04/2002 7 . 4 . 0

edito post TP-15 12/04/2002 7 . 4 . 1

adds missing annex attachments

edito post TP-17 18/09/2002 7 . 4 . 2

changes reference to withdrawn ETSI TS.

[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 access.



# 3GPP specification status

Page 624

04 December 2003 12:03:11

ACTIVE specs R98 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.14</b>	<b>Specification of the SIM Application Toolkit (SAT) 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, comments):</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>Subscriber Interface Module (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, comments):</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:</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 Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version, comments):</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 S.A.	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 625

04 December 2003 12:03:11

ACTIVE specs R98 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

## TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R98 *current version:* 7.5.0 *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-29 *G: yes U:* MCC: USAI, Paolino

*history (event, available, version, comments):*

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>
smg-30	11/11/1999	7 . 2 . 0	<a href="#">get it</a>	
ETSI Publication	09/05/2000	7 . 2 . 1	<a href="#">get it</a>	
GP-12	03/01/2003	7 . 3 . 0	<a href="#">get it</a>	
GP-13	21/02/2003	7 . 4 . 0	<a href="#">get it</a>	
GP-15	11/07/2003	7 . 5 . 0	<a href="#">get it</a>	

---

## TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R98 *current version:* 7.0.0 *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-29 *G: yes U:* MCC: USAI, Paolino

*history (event, available, version, comments):*

GP-09	06/05/2002	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> GP-09 (Usai) created to fill the Release gap.
-------	------------	-----------	------------------------	---

---

R98

12 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](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, comments):*

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>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 626

04 December 2003 12:03:12

ACTIVE specs R98 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

**TS 12.04 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, comments):*  
smg-30 11/11/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 12.05 Subscriber Related Call and Event Data**  
R98 *current version: 7.0.1* WG (prime / other): S5 / S1 rapporteur: ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting: smg-29* G: yes U: MCC: ZOICAS, Adrian  
*history (event, available, version, comments):*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

---

**TS 12.15 General Packet Radio Service (GPRS); GPRS Charging**  
R98 *current version: 7.7.0* WG (prime / other): S5 / - rapporteur: ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting: smg-29* G: yes U: MCC: ZOICAS, Adrian  
*history (event, available, version, comments):*  
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
smg-29 25/06/1999 7 . 2 . 0 [get it](#)  
smg-30 11/11/1999 7 . 3 . 0 [get it](#)  
SP-06 7 . 4 . 0  
SP-07 15/03/2000 7 . 5 . 0 [get it](#)  
SP-08 21/06/2000 7 . 6 . 0 [get it](#)  
SP-18 07/01/2003 7 . 7 . 0 [get it](#)

---

**TS 12.21 Network Management (NM) procedures and messages on the A-bis interface**  
R98 *current version: 7.0.0* WG (prime / other): G1 / S5 rapporteur: TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version, comments):*  
GP-09 06/05/2002 7 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.  
*remarks - this release:* GP-09 (Usai) created to fill the Release gap.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 627

04 December 2003 12:03:12

ACTIVE specs R98 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

## TS 12.71 Location Services (LCS); Location services management

R98 *current version:* 7.0.1 *WG (prime / other):* S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)

*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

draft	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

[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 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R97 *current version:* 6.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

*freeze\_meeting:*

*G: yes U:*

*MCC:* POPE, Maurice

*history (event, available, version, comments):*

SP-20	25/06/2003	6	.	0	.	0
-------	------------	---	---	---	---	---

[get it](#)

*remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for

*remarks - this release:* . backwards extension to earlier releases.

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 628

04 December 2003 12:03:12

ACTIVE specs R97 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>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / GP /	<i>rapporteur:</i> JORGENSEN, Niels H.	TDC TELE DANMARK A/S		
	<i>freeze_meeting:</i> smg-26	NP				
		G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 12/01/2001 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	edito 16/01/2001 6 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TR 01.04</b>	<b>Abbreviations and acronyms</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 15/11/2000 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 01.48</b>	<b>ISDN-based DECT/GSM interworking; Feasibility study</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRAETZ, Ingeborg	SIEMENS AG		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 01/12/2000 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	edito 16/01/2001 6 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TR 01.60</b>	<b>GPRS requirements</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	<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>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	Editorial correction 20/03/1998 6 . 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 access.

# 3GPP specification status

Page 629

04 December 2003 12:03:13

ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

R97 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)**

R97 *current version:* 6.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:*  
smg-29 26/06/1999 6 . 2 . 0 [get it](#)

---

**TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)**

R97 *current version:* 6.1.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:*  
Editorial correction 12/02/1999 6 . 1 . 1 [get it](#)

---

**TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)**

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 02.04 General on Supplementary Services**

R97 *current version:* 6.1.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:*  
smg-29 25/06/1999 6 . 1 . 1 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 630

04 December 2003 12:03:13

ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.06 Types of Mobile Stations (MS)**  
R97 *current version:* 6.1.1 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

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>

---

**TS 02.07 Mobile Station (MS) Features**  
R97 *current version:* 6.2.0 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-25	20/03/1998	6	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
smg-26	20/06/1998	6	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
SP-07	17/03/2000	6	.	2	.	0	<a href="#">get it</a>

---

**TS 02.09 Security aspects**  
R97 *current version:* 6.1.1 *WG (prime / other):* S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* POPE, Maurice

*history (event, available, version, comments):*

smg-27	16/10/1998	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-31	16/02/2000	6	.	1	.	0	<a href="#">get it</a>
ETSI publication	29/08/2000	6	.	1	.	1	<a href="#">get it</a>

---

**TS 02.11 Service Accessibility**  
R97 *current version:* 6.1.0 *WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-26	26/06/1998	6	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
SP-11	02/04/2001	6	.	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 access.

# 3GPP specification status

Page 631

04 December 2003 12:03:13

ACTIVE specs 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 02.16</b>	<b>International Mobile Station Equipment Identities (IMEI)</b>					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-30 11/11/1999 6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	SP-08 28/06/2000 6 . 2 . 0		<a href="#">get it</a>			
<hr/>						
<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</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 02.22</b>	<b>Stage 1 for personalisation of GSM ME</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DURAND, Romain	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.24</b>	<b>Description of Charge Advice Information (CAI)</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	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:</i>		
<hr/>						
<b>TS 02.30</b>	<b>Man-machine Interface (MMI) of the Mobile Station (MS)</b>					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-25 20/03/1998 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	edito 26/06/1998 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>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 632

04 December 2003 12:03:13

ACTIVE specs 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 02.34</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<b>TS 02.40</b>	<b>Procedures for Call Progress Indications</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.41</b>	<b>Operator Determined Barring</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<b>TS 02.42</b>	<b>Network Identity and Timezone (NITZ); Service Description, Stage 1</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<b>TS 02.48</b>	<b>Security mechanisms for the SIM Application Toolkit; Stage 1</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	smg-25 20/03/1998 6 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> SMG9->T3@#31 <i>remarks - this release:</i>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 633

04 December 2003 12:03:14

ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1**

R97 *current version:* none *WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

*remarks - general:* SMG11->S4 at SMG#30  
*remarks - this release:* No spec this Release

---

**TS 02.60 General Packet Radio Service Stage 1 Description**

R97 *current version:* 6.3.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-25 20/03/1998 6 . 0 . 0  
smg-26 26/06/1998 6 . 1 . 0  
ETSI publication 01/12/1998 6 . 1 . 1  
smg-28 12/02/1999 6 . 2 . 0  
ETSI publication 04/08/1999 6 . 2 . 1  
SP-05 14/10/1999 6 . 3 . 0  
ETSI publication 28/11/2000 6 . 3 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 6.3.0  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

**TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1**

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-27 16/10/1998 6 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1**

R97 *current version:* 6.1.1 *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, comments):*

smg-27 16/10/1998 6 . 0 . 0  
ETSI publication 01/09/1999 6 . 0 . 1  
smg-29 25/06/1999 6 . 1 . 0  
Editorial correction 25/07/1999 6 . 1 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 634

04 December 2003 12:03:14

ACTIVE specs 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 02.68</b>	<b>Voice Group Call Service (VGCS); Stage 1</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 06/10/1998 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	publish EN 300 925 01/09/1999 6 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>						
<b>TS 02.69</b>	<b>Voice Broadcast Service (VBS); Stage 1</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	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:</i> #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	<i>current version:</i> 6.6.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-25 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>		
	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 correction 17/01/2002 6 . 6 . 1		<a href="#">get it</a>			
<hr/>						
<b>TS 02.79</b>	<b>Support of Optimal Routeing (SOR); Service definition (Stage 1)</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> FREY, Sophie	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 635

04 December 2003 12:03:14

ACTIVE specs 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 02.81</b>	<b>Line Identification Supplementary Services; Stage 1</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0
<hr/>						
<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, comments):</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
<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, comments):</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
<hr/>						
<b>TS 02.84</b>	<b>MultiParty (MPPTY) 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, comments):</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
<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	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 636

04 December 2003 12:03:15

ACTIVE specs 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 02.86</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, comments):</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
<hr/>						
<b>TS 02.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 1</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, comments):</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
<hr/>						
<b>TS 02.90</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 1</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SLOTTE, Sverre	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0
<hr/>						
<b>TS 02.91</b>	<b>Explicit Call Transfer (ECT)</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, comments):</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
<hr/>						
<b>TS 02.93</b>	<b>Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-25 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> #25: 6.0.0 (5.x.y withdrawn) #26: 6.0.1

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 637

04 December 2003 12:03:15

ACTIVE specs 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 02.95</b>	<b>Support of Private Numbering Plan (SPNP); Service description; Stage 1</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 15/10/1998 6 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: #27: 6.0.0

---

<b>TS 02.96</b>	<b>Name Identification Supplementary Services; Stage 1</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	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 (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)

---

<b>TS 03.01</b>	<b>Network Functions</b>					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a>	remarks - general: SMG3->SA2 @ TSG#7
	smg-28 12/02/1999 6 . 1 . 0				<a href="#">get it</a>	remarks - this release: #27: 6.0.0 #28: 6.1.0

---

<b>TS 03.02</b>	<b>Network Architecture</b>					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S2 / NP /	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> smg-26	T2	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>	G: yes U:				
	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

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 638

04 December 2003 12:03:15

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.03 Numbering, Addressing and Identification

R97 *current version:* 6.8.0 *WG (prime / other):* N4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-25	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>
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.
NP-21	09/10/2003	6 . 8 . 0	<a href="#">get it</a>	

---

## TR 03.05 Technical performance objectives

R97 *current version:* 6.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

smg-27	16/10/1998	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release: #27: 6.0.0</i>
--------	------------	-----------	------------------------	--

---

## TS 03.07 Restoration Procedures

R97 *current version:* 6.2.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-25	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>
smg-29	25/06/1999	6 . 2 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 639

04 December 2003 12:03:15

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.08 Organization of Subscriber Data

R97 *current version:* 6.6.0  
*freeze\_meeting:* smg-26  
*history (event, available, version, comments):*  
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  
NP-07 15/03/2000 6 . 4 . 0  
NP-09 31/10/2000 6 . 5 . 0  
NP-20 27/06/2003 6 . 6 . 0

*WG (prime / other):* N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.09 Handover Procedures

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0

*WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

---

## TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26  
*history (event, available, version, comments):*  
smg-27 18/10/1998 6 . 0 . 0

*WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*G: yes U:* *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*  
*remarks - this release:*

---

## TS 03.11 Technical Realization of Supplementary Services - General Aspects

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0  
Editorial correction 16/11/1998 6 . 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:* #27: 6.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 640

04 December 2003 12:03:16

ACTIVE specs R97 03 .- series  
Server location: [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	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a> <i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0
<hr/>					
<b>TS 03.13</b>	<b>Discontinuous Reception (DRX) in the GSM System</b>				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a> <i>remarks - general:</i> <i>remarks - this release:</i> #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	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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
<hr/>					
<b>TS 03.15</b>	<b>Technical Realization of Operator Determined Barring</b>				
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	Chalmers		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo		
	smg-26 26/06/1998 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:</i> #26: 6.0.0 SMG#29: 6.1.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 641

04 December 2003 12:03:16

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.16 Subscriber Data Management

R97 current version: 6.5.0

freeze\_meeting: smg-26

history (event, available, version, comments):

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-27	16/10/1998	6	.	2	.	0
smg-28	12/02/1999	6	.	3	.	0
smg-29	25/06/1999	6	.	4	.	0
NP-09	13/10/2000	6	.	5	.	0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 SMG#29: 6.4.0 TSG#9:6.5.0  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.18 Basic Call Handling

R97 current version: 6.7.0

freeze\_meeting: smg-26

history (event, available, version, comments):

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, comments):

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 access.

# 3GPP specification status

Page 642

04 December 2003 12:03:16

ACTIVE specs R97 03 .- series  
Server location: [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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26				Skov		
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</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>					
<hr/>							
<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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26				Skov		
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</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>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	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</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		
<hr/>							
<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	<i>G: yes U:</i>		<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</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 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	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 643

04 December 2003 12:03:16

ACTIVE specs R97 03 .- series  
Server location: [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	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</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> #25: 6.0.0		
<hr/>						
<b>TS 03.40</b>	<b>Technical realization of the Short Message Service (SMS)</b>					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	smg-25 20/03/1998 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3.		
	smg-26 26/06/1998 6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</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	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</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	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</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>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	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 644

04 December 2003 12:03:17

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-26				
		G: yes U:	MCC:	RODERMUND, Friedhelm	
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
<b>TS 03.45</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-26				
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	BOSWARTHICK, David	
	smg-27 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:</i>		
<hr/>					
<b>TS 03.46</b>	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b>				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-26				
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	BOSWARTHICK, David	
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
<b>TR 03.47</b>	<b>Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)</b>				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-26				
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	RODERMUND, Friedhelm	
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
<b>TS 03.48</b>	<b>Security mechanisms for SIM application toolkit; Stage 2</b>				
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26				
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	DIETZE, Claus	
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	SMG9->T3@#31	
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	smg-28 12/02/1999 6 . 2 . 0	<a href="#">get it</a>			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 645

04 December 2003 12:03:17

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TR 03.49</b>	<b>Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)</b>				
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-26				
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i>	RODERMUND, Friedhelm	
	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 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>				
R97	<i>current version:</i> 6.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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> #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	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i>	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</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
<hr/>					
<b>TR 03.58</b>	<b>Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)</b>				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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> #23: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 646

04 December 2003 12:03:17

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R97 *current version:* 6.11.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

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, comments):*

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 access.

# 3GPP specification status

Page 647

04 December 2003 12:03:18

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2**

R97 *current version:* 6.4.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-25	20/03/1998	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-26	26/06/1998	6 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>
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>	

---

**TS 03.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2**

R97 *current version:* 6.1.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-27	16/10/1998	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-07	17/03/2000	6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>

---

**TS 03.68 Voice Group Call Service (VGCS); Stage 2**

R97 *current version:* 6.4.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

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>
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>	
NP-21	10/10/2003	6 . 4 . 0	<a href="#">get it</a>	

---

**TS 03.69 Voice Broadcast service (VBS); Stage 2**

R97 *current version:* 6.4.0 *WG (prime / other):* N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

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> #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>	
NP-21	13/10/2003	6 . 4 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 648

04 December 2003 12:03:18

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26  
*history (event, available, version, comments):*  
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 customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R97 *current version:* 6.11.1  
*freeze\_meeting:* smg-26  
*history (event, available, version, comments):*  
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:*  
*remarks - this release:*

---

## TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R97 *current version:* 6.3.0  
*freeze\_meeting:* smg-26  
*history (event, available, version, comments):*  
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:*  
*remarks - this release:* #27: 6.0.0 #29: 6.1.0 TSG#5: 6.2.0 TSG#7: 6.3.0  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 649

04 December 2003 12:03:19

ACTIVE specs R97 03 .- series  
Server location: [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	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0
<hr/>						
<b>TS 03.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 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:</i> #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	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0
<hr/>						
<b>TS 03.84</b>	<b>Multi Party (MPPTY) Supplementary Services; Stage 2</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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
<hr/>						
<b>TS 03.85</b>	<b>Closed user Group (CUG) Supplementary Services; Stage 2</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 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 access.

# 3GPP specification status

Page 650

04 December 2003 12:03:19

ACTIVE specs R97 03 .- series  
Server location: [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	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 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 03.88</b>	<b>Call Barring (CB) supplementary services; Stage 2</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 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 03.90</b>	<b>Unstructured Supplementary Service Data (USSD)</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CHOTAI, Sunil	mmO2 plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 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 03.91</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 2</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 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 03.93</b>	<b>Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2</b>					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-25 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: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0</i>
	smg-27 16/10/1998 6 . 2 . 0				<a href="#">get it</a>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 651

04 December 2003 12:03:19

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.96 Name Identification Supplementary Services; Stage 2

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-25 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 Peter MOTOROLA A/S  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
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 Peter MOTOROLA A/S  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
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 Peter MOTOROLA A/S  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 652

04 December 2003 12:03:19

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.04 Layer 1 - General Requirements

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26  
*history (event, available, version, comments):*  
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, comments):*  
smg-27 16/10/1998 6 . 0 . 0  
Editorial correction 16/11/1998 6 . 0 . 1

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R97 *current version:* 6.2.1  
*freeze\_meeting:* smg-26  
*history (event, available, version, comments):*  
smg-27 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 Peter MOTOROLA A/S Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 653

04 December 2003 12:03:19

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R97 *current version:* 6.5.1  
*freeze\_meeting:* smg-26  
*history (event, available, version, comments):*

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>
smg-27	16/10/1998	6 . 2 . 0	<a href="#">get it</a>	
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>	

*WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 654

04 December 2003 12:03:20

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

R97 *current version:* 6.21.1 *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

smg-25		6 . 0 . 0	
smg-26	26/06/1998	6 . 1 . 0	<a href="#">get it</a>
edito	08/09/1998	6 . 1 . 1	<a href="#">get it</a>
smg-27	16/10/1998	6 . 2 . 0	<a href="#">get it</a>
ETSI publication	13/04/1999	6 . 2 . 1	<a href="#">get it</a>
smg-28	12/02/1999	6 . 3 . 0	<a href="#">get it</a>
ETSI publication	25/08/1999	6 . 3 . 1	<a href="#">get it</a>
smg-29	25/06/1999	6 . 4 . 0	<a href="#">get it</a>
edito	23/07/1999	6 . 4 . 1	<a href="#">get it</a>
ETSI OAP	11/08/1999	6 . 4 . 2	<a href="#">get it</a>
ETSI publication	29/12/1999	6 . 4 . 3	<a href="#">get it</a>
NP-05	08/10/1999	6 . 5 . 0	<a href="#">get it</a>
smg-30b	06/12/1999	6 . 6 . 0	<a href="#">get it</a>
NP-06	15/12/1999	6 . 7 . 0	<a href="#">get it</a>
ETSI publication	05/07/2000	6 . 7 . 1	<a href="#">get it</a>
smg-31	16/02/2000	6 . 8 . 0	<a href="#">get it</a>
NP-07	15/03/2000	6 . 9 . 0	<a href="#">get it</a>
ETSI publication	29/09/2000	6 . 9 . 1	<a href="#">get it</a>
smg-31b	17/04/2000	6 . 10 . 0	<a href="#">get it</a>
smg-32	21/06/2000	6 . 11 . 0	<a href="#">get it</a>
GP-01/NP-09	12/10/2000	6 . 12 . 0	<a href="#">get it</a>
edito	02/11/2000	6 . 12 . 1	<a href="#">get it</a>
NP-10	02/01/2001	6 . 13 . 0	<a href="#">get it</a>
GP-04 / NP-11	11/04/2001	6 . 14 . 0	<a href="#">get it</a>
NP-12	05/07/2001	6 . 15 . 0	<a href="#">get it</a>
GP-07	04/01/2002	6 . 16 . 0	<a href="#">get it</a>
NP-14	07/01/2002	6 . 17 . 0	<a href="#">get it</a>
GP-08	19/02/2002	6 . 18 . 0	<a href="#">get it</a>
NP-17	17/09/2002	6 . 19 . 0	<a href="#">get it</a>
NP-18	18/12/2002	6 . 20 . 0	<a href="#">get it</a>
GP-15	10/07/2003	6 . 21 . 0	<a href="#">get it</a>
edito	12/09/2003	6 . 21 . 1	<a href="#">get it</a>

*remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen  
*remarks - this release:* (even numbered CRs!)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 655

04 December 2003 12:03:20

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-26 Skov

*G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-25 20/03/1998 6 . 0 . 0

Editorial correction 20/04/1998 6 . 0 . 1

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

---

## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R97 *current version:* 6.1.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation  
*freeze\_meeting:* smg-26 JORGENSEN, Per Johan

*G:* yes *U:* *MCC:*

*history (event, available, version, comments):*

smg-25 20/03/1998 6 . 0 . 0

Editorial correction 20/04/1998 6 . 0 . 1

NP-09 12/10/2000 6 . 1 . 0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

---

## TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R97 *current version:* 6.0.1 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-26 Skov

*G:* yes *U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

smg-27 16/10/1998 6 . 0 . 0

Editorial correction 16/11/1998 6 . 0 . 1

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* #27: 6.0.0

---

## TS 04.13 Performance Requirements on Mobile Radio Interface

R97 *current version:* 6.0.1 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* smg-26 JORGENSEN, Per Johan

*G:* yes *U:* *MCC:*

*history (event, available, version, comments):*

smg-27 16/10/1998 6 . 0 . 0

Editorial correction 16/10/1998 6 . 0 . 1

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* #27: 6.0.0

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 656

04 December 2003 12:03:20

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.14</b>	<b>Individual equipment type requirements and interworking; Special conformance testing functions</b>					
R97	<i>current version:</i> 6.3.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-30 11/11/1999 6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	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	Misplaced figure, clause 5.3.1.	<a href="#">get it</a>			

---

<b>TS 04.21</b>	<b>Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface</b>					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-08 23/06/2000 6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #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 Switching</b>					
R97	<i>current version:</i> Centre (BSS - MSC) interface	6.2.0	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>					
	smg-26 26/06/1998 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-27 16/10/1998 6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	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 access.

# 3GPP specification status

Page 657

04 December 2003 12:03:21

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol**

R97 *current version:* 6.14.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd

*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

draft	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-30b	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-31b	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:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND

*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

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 access.

# 3GPP specification status

Page 658

04 December 2003 12:03:21

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification

R97 *current version:* 6.10.0 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S

*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

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
smg-30	11/11/1999	6 . 5 . 0
NP-06	17/12/1999	6 . 6 . 0
smg-31	16/02/2000	6 . 7 . 0
NP-10	02/01/2001	6 . 8 . 0
NP-13	02/10/2001	6 . 9 . 0
NP-14	04/01/2002	6 . 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 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)

R97 *current version:* 6.7.0 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S

*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

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
smg-30	11/11/1999	6 . 5 . 0
NP-06	17/12/1999	6 . 6 . 0
smg-31	16/02/2000	6 . 7 . 0

[get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG

*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-27	16/10/1998	6 . 0 . 0
Editorial correction	16/11/1998	6 . 0 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #27: 6.0.0

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 659

04 December 2003 12:03:22

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.68 Group Call Control (GCC) Protocol

R97 *current version:* 6.3.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*  
smg-30 11/11/1999 6 . 2 . 0 [get it](#)  
NP-07 17/03/2000 6 . 3 . 0 [get it](#)

---

## TS 04.69 Broadcast Call Control (BCC) protocol

R97 *current version:* 6.3.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release:*  
smg-30 11/11/1999 6 . 2 . 0 [get it](#)  
NP-07 17/03/2000 6 . 3 . 0 [get it](#)

---

## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R97 *current version:* 6.1.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*  
smg-28 12/02/1999 6 . 1 . 1 [get it](#)  
editorial 09/10/2003 6 . 1 . 2 [get it](#)

---

## TS 04.81 Line Identification Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #27: 6.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 660

04 December 2003 12:03:22

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 3</b>					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, comments):					
	smg-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 04.83</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, comments):					
	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 04.84</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, comments):					
	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 04.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 3</b>					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, comments):					
	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	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, comments):					
	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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 661

04 December 2003 12:03:22

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 3</b>					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, comments):					
	smg-25 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	TeliaSonera AB
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, comments):					
	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	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, comments):					
	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	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, comments):					
	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	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, comments):					
	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 acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 662

04 December 2003 12:03:23

ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

R97 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

**TS 05.01 Physical Layer on the Radio Path (General Description)**

R97 *current version:* 6.1.1 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-24 19/12/1997 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-25 20/03/1998 6 . 1 . 0 [get it](#) *remarks - this release:*  
ETSI Publication 20/04/1998 6 . 1 . 1 [get it](#)

---

**TS 05.02 Multiplexing and Multiple Access on the Radio Path**

R97 *current version:* 6.10.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-24 19/12/1997 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-25 20/03/1998 6 . 1 . 0 [get it](#) *remarks - this release:*  
smg-26 26/06/1998 6 . 2 . 0 [get it](#)  
smg-27 16/10/1998 6 . 3 . 0 [get it](#)  
ETSI publication 09/03/1999 6 . 3 . 1 [get it](#)  
smg-28 12/02/1999 6 . 4 . 0 [get it](#)  
ETSI publication 04/08/1999 6 . 4 . 1 [get it](#)  
smg-29 25/06/1999 6 . 5 . 0 [get it](#)  
smg-30 11/11/1999 6 . 6 . 0 [get it](#)  
smg-30b 06/12/1999 6 . 7 . 0 [get it](#)  
ETSI publication 17/07/2000 6 . 7 . 1 [get it](#)  
smg-31 16/02/2000 6 . 8 . 0 [get it](#)  
ETSI publication 29/09/2000 6 . 8 . 1 [get it](#)  
smg-31b 17/04/2000 6 . 9 . 0 [get it](#)  
ETSI publication 17/10/2000 6 . 9 . 1 [get it](#)  
edito 02/05/2001 6 . 9 . 2 [get it](#)  
GP-06 01/10/2001 6 . 10 . 0 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 663

04 December 2003 12:03:23

ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.03 Channel coding

R97 *current version:* 6.2.1

*freeze\_meeting:* smg-26

*history (event, available, version, comments):*

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

NOKIA Corporation

*G:* yes *U:*

*MCC:* USAI, Paolino

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:* #24: 6.0.0 #25: 6.1.0 #28: 6.2.0

[get it](#)

[get it](#)

---

## TS 05.04 Modulation

R97 *current version:* 6.1.1

*freeze\_meeting:* smg-26

*history (event, available, version, comments):*

smg-27 16/10/1998 6 . 0 . 0

ETSI publication 09/02/1999 6 . 0 . 1

smg-30b 06/12/1999 6 . 1 . 0

ETSI publication 20/06/2000 6 . 1 . 1

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

*G:* yes *U:*

*MCC:* USAI, Paolino

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:*

[get it](#)

[get it](#)

---

## TS 05.05 Radio Transmission and Reception

R97 *current version:* 6.8.0

*freeze\_meeting:* smg-26

*history (event, available, version, comments):*

smg-24 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

Telefon AB LM Ericsson

*G:* yes *U:*

*MCC:* USAI, Paolino

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 664

04 December 2003 12:03:23

ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.08 Radio Subsystem Link Control

R97 *current version:* 6.9.0

*freeze\_meeting:* smg-26

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

*MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-24	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-30b	06/12/1999	6	.	7	.	0
edito	01/02/2000	6	.	7	.	1
smg-31b	17/04/2000	6	.	8	.	0
ETSI publication		6	.	8	.	1
GP-01	10/10/2000	6	.	9	.	0

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:*

[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 05.10 Radio subsystem synchronization

R97 *current version:* 6.7.0

*freeze\_meeting:* smg-26

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

*MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-24	19/12/1997	6	.	0	.	0
smg-25	20/03/1998	6	.	1	.	0
smg-26	26/06/1998	6	.	2	.	0
smg-27	16/10/1998	6	.	3	.	0
ETSI publication	09/03/1999	6	.	3	.	1
smg-28	12/02/1999	6	.	4	.	0
ETSI publication	04/08/1999	6	.	4	.	1
smg-29	25/06/1999	6	.	5	.	0
ETSI publication	14/12/1999	6	.	5	.	1
smg-30	11/11/1999	6	.	6	.	0
ETSI publication	29/05/2001	6	.	6	.	1
GP-02	24/11/2000	6	.	7	.	0

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:*

[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 access.

# 3GPP specification status

Page 665

04 December 2003 12:03:24

ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.14 Release independent frequency bands; Implementation guidelines

R97 *current version:* 6.2.0 *WG (prime / other):* G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* MCC: USAI, Paolino  
*history (event, available, version, comments):*  
GP-02 05/01/2001 6 . 0 . 0 [get it](#) *remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.  
GP-05 03/01/2002 6 . 1 . 0 [get it](#) *remarks - this release:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. R97  
Changed from G2 to G1 at same time.  
record created at same time (originally was only R99 and R98).  
GP-10 19/07/2002 6 . 2 . 0 [get it](#)

---

## TR 05.22 Radio link management in hierarchical networks

R97 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-26 *G: yes U:* MCC: USAI, Paolino  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

---

## TR 05.50 Background for RF Requirements

R97 *current version:* 6.1.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-26 *G: yes U:* MCC: USAI, Paolino  
*history (event, available, version, comments):*  
smg-24 19/12/1997 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-31 16/02/2000 6 . 1 . 0 [get it](#) *remarks - this release:* #24: 6.0.0 #31:6.1.0

---

## TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-26 *G: yes U:* MCC: USAI, Paolino  
*history (event, available, version, comments):*  
smg-27 10/04/2001 6 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 12/11/2001 6 . 0 . 1 [get it](#) *remarks - this release:* #27: 6.0.0 Withdrawn, since never created. 2001-01-31: GERAN convenor asks for its re-instatement.

---

R97

06 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 666

04 December 2003 12:03:24

ACTIVE specs R97 06 .- series  
Server location: [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	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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 06.02</b>	<b>Half Rate Speech Processing Functions</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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> #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	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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> #27: 6.0.0			
<hr/>						
<b>TS 06.07</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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> #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	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 667

04 December 2003 12:03:24

ACTIVE specs R97 06 .- series  
Server location: [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	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-32 20/06/2000 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
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>				
<hr/>						
<b>TS 06.11</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>			
<hr/>						
<b>TS 06.12</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>			
	SP-12 29/06/2001 6 . 1 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 06.20</b>	<b>Half Rate Speech Transcoding</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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 06.21</b>	<b>Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 668

04 December 2003 12:03:25

ACTIVE specs R97 06 .- series  
Server location: [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	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>	
<hr/>						
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>	
<hr/>						
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>	
<hr/>						
<b>TS 06.41</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>	
<hr/>						
<b>TS 06.42</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 669

04 December 2003 12:03:25

ACTIVE specs R97 06 .- series  
Server location: [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	current version: 6.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-27 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 #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>		

---

<b>TS 06.53</b>	<b>ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec</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, comments):					
	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:	

---

<b>TS 06.54</b>	<b>Test sequences for the GSM Enhanced Full Rate (EFR)</b>					
R97	current version: 6.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	ETSI publication 01/09/1999 6 . 0 . 1			<a href="#">get it</a>	remarks - this release:	
	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>		

---

<b>TR 06.55</b>	<b>Performance characterisation of the GSM EFR 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, comments):					
	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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 670

04 December 2003 12:03:25

ACTIVE specs R97 06 .- series  
Server location: [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	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>		
<hr/>						
<b>TS 06.61</b>	<b>Substitution and muting of lost frames for enhanced full rate speech traffic channels</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, comments):</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: #27: 6.0.0</i>		
<hr/>						
<b>TS 06.62</b>	<b>Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels</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, comments):</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: #27: 6.0.0</i>		
<hr/>						
<b>TS 06.81</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-30 11/11/1999 6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release: #27: 6.0.0 #30: 6.1.0</i>		
	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	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>		

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 671

04 December 2003 12:03:26

ACTIVE specs R97 06 .- series  
Server location: [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 S.p.A.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
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:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release:*

---

**TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities**  
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #26: 6.0.0

---

**TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities**  
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
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 access.



# 3GPP specification status

Page 672

04 December 2003 12:03:26

ACTIVE specs R97 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

**TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)**

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 07.07 AT Command set for GSM Mobile Equipment (ME)**

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*  
smg-27 16/10/1998 6 . 2 . 0 [get it](#)  
smg-29 25/06/1999 6 . 3 . 0 [get it](#)  
TP-05 08/10/1999 6 . 4 . 0 [get it](#)  
TP-11 06/04/2001 6 . 5 . 0 [get it](#)

---

**TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol**

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
smg-24 19/01/1998 2 . 0 . 0 [get it](#) *remarks - general:*  
draft 10/03/1998 2 . 2 . 0 [get it](#) *remarks - this release:*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#)  
smg-26 26/06/1998 6 . 1 . 0 [get it](#)  
smg-27 16/10/1998 6 . 2 . 0 [get it](#)  
smg-28 12/02/1999 6 . 3 . 0 [get it](#)  
TP-05 08/10/1999 6 . 4 . 0 [get it](#)  
TP-15 26/03/2002 6 . 5 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 673

04 December 2003 12:03:26

ACTIVE specs R97 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

## TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R97 *current version:* 6.5.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd

*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

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

[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 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S

*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

smg-27 16/10/1998 6 . 0 . 0

[get it](#)

*remarks - general:*

*remarks - this release:*

---

## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S

*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

smg-27 16/10/1998 6 . 0 . 0

[get it](#)

*remarks - general:*

*remarks - this release:*

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 674

04 December 2003 12:03:27

ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.04</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<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	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
<b>TS 08.08</b>	<b>Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>				
R97	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-31b 17/04/2000 6 . 5 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<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	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-25 20/03/1998 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 access.

# 3GPP specification status

Page 675

04 December 2003 12:03:27

ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.16</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service</b>				
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-25 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>	
	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	<i>current version:</i> 6.8.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> smg-26		THOMASEN, Gert		
		G: yes U:	MCC:		
	<i>history (event, available, version, comments):</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>	
	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	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26		BOSWARTHICK, David		
		G: yes U:	MCC:		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	NP-11 04/04/2001	6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	

---

<b>TS 08.51</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-27 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 access.

# 3GPP specification status

Page 676

04 December 2003 12:03:27

ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.52</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles</b>				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 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>				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 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>				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 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 (BSC-BTS) Interface Layer 3 Specification</b>				
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-25 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> #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0		
	smg-29 25/06/1999 6 . 2 . 0	<a href="#">get it</a>			
	smg-30 11/11/1999 6 . 3 . 0	<a href="#">get it</a>			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 677

04 December 2003 12:03:27

ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels**  
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-27 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 Peter MOTOROLA A/S  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
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 TeliaSonera AB  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 678

04 December 2003 12:03:28

ACTIVE specs R97 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

R97 *current version:* 6.14.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*  
edito 09/09/1998 6 . 1 . 1 [get it](#)  
smg-27 16/10/1998 6 . 2 . 0 [get it](#)  
smg-28 12/02/1999 6 . 3 . 0 [get it](#)  
smg-29 25/06/1999 6 . 4 . 0 [get it](#)  
NP-05 08/10/1999 6 . 5 . 0 [get it](#)  
NP-06 15/12/1999 6 . 6 . 0 [get it](#)  
NP-07 15/03/2000 6 . 7 . 0 [get it](#)  
NP-08 21/06/2000 6 . 8 . 0 [get it](#)  
NP-09 08/11/2000 6 . 9 . 0 [get it](#)  
NP-10 21/12/2000 6 . 10 . 0 [get it](#)  
NP-11 06/04/2001 6 . 11 . 0 [get it](#)  
NP-15 04/04/2002 6 . 12 . 0 [get it](#)  
NP-19 07/04/2003 6 . 13 . 0 [get it](#)  
NP-21 09/10/2003 6 . 14 . 0 [get it](#)

---

## TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile

R97 *current version:* Network (PLMN) 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
smg-27 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, comments):*  
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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 679

04 December 2003 12:03:28

ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>								
R97	<i>current version:</i> 6.0.0	WG (prime / other):	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> smg-26	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#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	<i>current version:</i> <b>Switched Data Transmission Services</b>	6.0.0	WG (prime / other):	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-26	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#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 Network</b>								
R97	<i>current version:</i> <b>(PSTN)</b>	6.2.0	WG (prime / other):	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert	SIEMENS AG	
	<i>freeze_meeting:</i> smg-26	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	smg-27 16/10/1998 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:</i>	#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	<i>current version:</i> 6.0.0	WG (prime / other):	N1 / -	<i>rapporteur:</i>	FARHOUMAND, Rouzbeh	Ericsson Incorporated			
	<i>freeze_meeting:</i> smg-26	G: yes	U:	<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</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 access.



# 3GPP specification status

Page 680

04 December 2003 12:03:28

ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.10</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		
TeliaSonera AB									
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	smg-26	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	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	smg-27	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, comments):</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 access.

# 3GPP specification status

Page 681

04 December 2003 12:03:28

ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.18</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	WG (prime / other): N1 / -	rapporteur: MILLS, Duncan	VODAFONE Group Plc	
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan		
history (event, available, version, comments):					
	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 GPT) across the Gn and Gp Interface</b>				
R97	current version: 6.13.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB	
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
history (event, available, version, comments):					
	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>	
	NP-18	07/01/2003	6 . 13 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 682

04 December 2003 12:03:29

ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.61</b>	<b>General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)</b>				
R97	<i>current version:</i> 6.10.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-25 20/03/1998 6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-26 6 . 1 . 0	not issued, w/proc compatibility probs		<i>remarks - this release:</i>	
	smg-26 26/06/1998 6 . 2 . 0		<a href="#">get it</a>		
	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>		
	NP-18 09/01/2003 6 . 9 . 0		<a href="#">get it</a>		
	NP-19 27/03/2003 6 . 10 . 0		<a href="#">get it</a>		
<hr/>					
<b>TS 09.78</b>	<b>CAMEL Application Part phase 2 (stage 3)</b>				
R97	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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>	
	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	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-24	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan	Skov	
	<i>history (event, available, version, comments):</i>				
	smg-27 6 . 0 . 0	withdrawn SMG-30; ; reinstated NP-16		<i>remarks - general:</i>	
	NP-16 26/06/2002 6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.	
	edito post NP-18 16/12/2002 6 . 1 . 1	minor editorials to change style from TS to TR.	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 683

04 December 2003 12:03:29

ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

**TR 09.95 Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles**

R97 *current version:* 6.3.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* GP-04 G: yes U: MCC: USAI, Paolino

*history (event, available, version, comments):*

GP-04	20/04/2001	6	.	0	.	0
GP-07	04/01/2002	6	.	1	.	0
GP-08	19/02/2002	6	.	2	.	0
GP-12	03/01/2003	6	.	3	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

---

R97 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

**TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+**

R97 *current version:* 6.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 G: yes U: MCC: KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-28	12/02/1999	6	.	0	.	0
NP-05	08/10/1999	6	.	1	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #28: 6.0.0 TSG#5:6.1.0

---

R97 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 684

04 December 2003 12:03:29

ACTIVE specs R97 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification**

R97 *current version:* 6.4.0 *WG (prime / other):* G3ne / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-26 NP / T2 / SCP

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version, comments):*

smg-28	12/02/1999	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
smg-29	25/06/1999	6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #31bis: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases. by Rel-
5 equivalent. 2001-11-19: G4->G5.				
smg-30	11/11/1999	6 . 2 . 0	<a href="#">get it</a>	
smg-31	16/02/2000	6 . 3 . 0	<a href="#">get it</a>	
Editorial correction	16/02/2000	6 . 3 . 1	<a href="#">get it</a>	
GP-06	06/09/2001	6 . 4 . 0	<a href="#">get it</a>	

---

**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, comments):*

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> #32:frozen
smg-28	12/02/1999	6 . 2 . 0	<a href="#">get it</a>	
smg-32	16/03/2000	6 . 3 . 0	<a href="#">get it</a>	
smg-31	16/02/2000	6 . 3 . 0	<a href="#">get it</a>	

---

**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, comments):*

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> #32:frozen
smg-28	12/02/1999	6 . 2 . 0	<a href="#">get it</a>	
smg-32	16/03/2000	6 . 3 . 0	<a href="#">get it</a>	
smg-31	16/02/2000	6 . 3 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 685

04 December 2003 12:03:30

ACTIVE specs R97 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.14 Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface**  
R97 *current version:* 6.3.0 *WG (prime / other):* T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-26  
G: yes U: *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

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> (smg-31:6.4.0 but CR later withdrawn)
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>	

---

**TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters**  
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT, USAI, Paolino  
*freeze\_meeting:* smg-26  
G: yes U: *MCC:* USAI, Paolino

*history (event, available, version, comments):*

GP-09	06/05/2002	6	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
edito (correction of version on cover)	18/06/2002	6	.	0	.	1	<a href="#">get it</a>	<i>remarks - this release:</i> GP-09 (Usai) created to fill the Release gap.

---

R97

12 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

**TS 12.05 Subscriber Related Call and Event Data**  
R97 *current version:* 6.1.0 *WG (prime / other):* S5 / S1 *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* smg-26  
G: yes U: *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

smg-27	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>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 686

04 December 2003 12:03:30

ACTIVE specs R97 12 .- series  
Server location: [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	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> S5 / S1 / GP	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	smg-26 26/06/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-27 16/10/1998 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	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 12.15</b>	<b>General Packet Radio Service (GPRS); GPRS Charging</b>					
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ALEXANDER, Benni	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-28 12/02/1999 6 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-18 07/01/2003 6 . 3 . 0	<a href="#">get it</a>				

---

<b>TS 12.21</b>	<b>Network Management (NM) procedures and messages on the A-bis interface</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / S5	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-09 06/05/2002 6 . 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.			

---

---

## 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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 687

04 December 2003 12:03:30

ACTIVE specs R96 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

<b>TS 01.01</b>	<b>Technical Specifications and Technical Reports for a GERAN-based 3GPP system</b>						
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat			
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	SP-20 25/06/2003 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for				
			<i>remarks - this release:</i> . backwards extension to earlier releases.				
<hr/>							
<b>TS 01.02</b>	<b>General Description of a GSM Public Land Mobile Network (PLMN)</b>						
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / GP /	<i>rapporteur:</i> JORGENSEN, Niels H.	TDC TELE DANMARK A/S			
	<i>freeze_meeting:</i> smg-22	NP	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>	G: yes U:					
	smg-17 02/02/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
<b>TR 01.04</b>	<b>Abbreviations and acronyms</b>						
R96	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	smg-17 02/02/1996 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>				
	ETSI publication 30/10/2001 5 . 0 . 2	<a href="#">get it</a>					
<hr/>							
<b>TS 01.48</b>	<b>ISDN-based DECT/GSM interworking; Feasibility study</b>						
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRAETZ, Ingeborg	SIEMENS AG			
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	smg-19 28/06/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-20 11/11/1996 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>				

---

---

R96

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 access.



# 3GPP specification status

Page 688

04 December 2003 12:03:31

ACTIVE specs 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, comments):*

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 . 2 . 0	<a href="#">get it</a>	
smg-24	19/12/1997	5 . 3 . 0	<a href="#">get it</a>	
smg-26	26/06/1998	5 . 4 . 0	<a href="#">get it</a>	
smg-29	25/06/1999	5 . 5 . 0	<a href="#">get it</a>	

---

## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R96 *current version:* 5.3.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-16	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>
smg-20	11/10/1996	5 . 2 . 0	<a href="#">get it</a>	
ETSI publication	02/05/1997	5 . 2 . 1	<a href="#">get it</a>	
smg-22	13/06/1997	5 . 3 . 0	<a href="#">get it</a>	
ETSI OAP	21/07/1997	5 . 3 . 1	<a href="#">get it</a>	
ETSI publication	31/12/1997	5 . 3 . 2	<a href="#">get it</a>	

---

## 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, comments):*

smg-17	02/02/1997	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	02/05/1997	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-22	13/06/1997	5 . 3 . 0	<a href="#">get it</a>	
ETSI OAP	21/07/1997	5 . 3 . 1	<a href="#">get it</a>	
ETSI publication	14/01/1998	5 . 3 . 2	<a href="#">get it</a>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 689

04 December 2003 12:03:31

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.04 General on Supplementary Services

R96 *current version:* 5.7.4

*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited

*G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-16	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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

## TS 02.06 Types of Mobile Stations (MS)

R96 *current version:* 5.2.1

*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc

*G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 690

04 December 2003 12:03:31

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.07 Mobile Station (MS) Features

R96 *current version:* 5.4.1 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-17	02/02/1996	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>
smg-20	11/10/1996	5	.	2	.	0	<a href="#">get it</a>
ETSI publication	02/05/1997	5	.	2	.	1	<a href="#">get it</a>
smg-22	13/06/1997	5	.	3	.	0	<a href="#">get it</a>
ETSI OAP	21/07/1997	5	.	3	.	1	<a href="#">get it</a>
ETSI publication	31/12/1997	5	.	3	.	2	<a href="#">get it</a>
smg-24	19/12/1997	5	.	4	.	0	<a href="#">get it</a>
ETSI publication	17/06/1998	5	.	4	.	1	<a href="#">get it</a>

---

## TS 02.09 Security aspects

R96 *current version:* 5.2.1 *WG (prime / other):* S3 / S1 / *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* POPE, Maurice  
NP

*history (event, available, version, comments):*

smg-20	11/10/1996	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:</i>
smg-22	13/06/1997	5	.	1	.	0	<a href="#">get it</a>
edito	08/12/1997	5	.	1	.	1	<a href="#">get it</a>
smg-31	16/02/2000	5	.	2	.	0	<a href="#">get it</a>
ETSI publication	29/08/2000	5	.	2	.	1	<a href="#">get it</a>

---

## TS 02.11 Service Accessibility

R96 *current version:* 5.0.1 *WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-20	11/10/1996	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:</i>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 691

04 December 2003 12:03:32

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.16 International Mobile Station Equipment Identities (IMEI)

R96 *current version:* 5.2.0  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
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, comments):*  
smg-20 11/10/1996 5 . 0 . 0  
ETSI publication 02/05/1997 5 . 0 . 1  
smg-27 16/10/1998 5 . 1 . 0  
ETSI publication 08/04/1999 5 . 1 . 1

*WG (prime / other):* T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD  
*G: yes U:* *MCC:* DIETZE, Claus  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

---

## TS 02.22 Stage 1 for personalisation of GSM ME

R96 *current version:* 5.4.0  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
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](#)

---

## TS 02.24 Description of Charge Advice Information (CAI)

R96 *current version:* 5.0.1  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
smg-20 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 access.

# 3GPP specification status

Page 692

04 December 2003 12:03:32

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96 *current version:* 5.7.1 *WG (prime / other):* S1 / *rapporteur:* JEAL, David VODAFONE Group Plc  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-16	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 . 3 . 1	<a href="#">get it</a>	
ETSI publication	02/05/1997	5 . 3 . 2	<a href="#">get it</a>	
smg-21	14/02/1997	5 . 4 . 0	<a href="#">get it</a>	
ETSI publication	26/08/1997	5 . 4 . 1	<a href="#">get it</a>	
smg-22	13/06/1997	5 . 5 . 0	<a href="#">get it</a>	
ETSI OAP	19/09/1997	5 . 5 . 1	<a href="#">get it</a>	
ETSI publication	27/02/1998	5 . 5 . 2	<a href="#">get it</a>	
smg-23	17/10/1997	5 . 6 . 0	<a href="#">get it</a>	
edito	06/01/1998	5 . 6 . 1	<a href="#">get it</a>	
smg-24	19/12/1997	5 . 6 . 2	<a href="#">get it</a>	
smg-28	12/02/1999	5 . 7 . 0	<a href="#">get it</a>	
ETSI publication	04/08/1999	5 . 7 . 1	<a href="#">get it</a>	

---

## TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

draft	31/10/1995	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
draft	13/02/1996	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
draft	19/06/1996	0 . 2 . 0	<a href="#">get it</a>	
draft	13/02/1996	0 . 5 . 0	<a href="#">get it</a>	
smg-20	09/10/1996	5 . 0 . 0	<a href="#">get it</a>	
ETSI publication	28/11/1996	5 . 0 . 1	<a href="#">get it</a>	
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>	
ETSI publication	04/08/1997	5 . 2 . 1	<a href="#">get it</a>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 693

04 December 2003 12:03:32

ACTIVE specs 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 02.40</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, comments):</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, comments):</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, comments):</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, comments):</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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 694

04 December 2003 12:03:33

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.67 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, comments):*

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, comments):*

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, comments):*

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: #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0</i>
smg-20	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 access.

# 3GPP specification status

Page 695

04 December 2003 12:03:33

ACTIVE specs 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 02.78</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)</b>				
R96	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-19 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 . 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>		
<hr/>					
<b>TS 02.79</b>	<b>Support of Optimal Routeing (SOR); Service definition (Stage 1)</b>				
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> FREY, Sophie	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	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> #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>		
<hr/>					
<b>TS 02.81</b>	<b>Line Identification Supplementary Services; Stage 1</b>				
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-20 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:</i> #20: 5.0.0 #24: 5.1.0	
<hr/>					
<b>TS 02.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-16 20/10/1995 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
				<i>remarks - this release:</i> #16: 5.0.0	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 696

04 December 2003 12:03:33

ACTIVE specs 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 02.83</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, comments):					
	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 (MPY) 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, comments):					
	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	TeliaSonera AB
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, comments):					
	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, comments):					
	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, comments):					
	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 access.

# 3GPP specification status

Page 697

04 December 2003 12:03:34

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R96 *current version:* 5.1.0 *WG (prime / other):* S1 / - *rapporteur:* SLOTTE, Sverre NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0

---

## TS 02.91 Explicit Call Transfer (ECT)

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* POSTMANN, Erwin SIEMENS AG  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-16 20/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-17 02/02/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.0.1 #19: 5.1.0 #21: 5.1.1  
smg-19 28/06/1996 5 . 1 . 0 [get it](#)  
smg-21 14/02/1997 5 . 1 . 1 [get it](#)

---

## TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R96 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-18 12/04/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #16: 5.0.0 #18: 5.1.0 #19: 5.2.0  
smg-19 28/06/1996 5 . 2 . 0 [get it](#)

---

R96

03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.01 Network Functions

R96 *current version:* 5.1.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7  
smg-18 12/04/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #18: 5.1.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 698

04 December 2003 12:03:34

ACTIVE specs R96 03 .- series  
Server location: [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	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S2 / NP / T2	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	smg-17 02/02/1996 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> #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>				
<hr/>						
<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>					
R96	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-17 5 . 0 . 0		<i>remarks - general:</i>			
	ETSI OAP 25/11/1996 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
	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>				
	NP-21 09/10/2003 5 . 5 . 0	<a href="#">get it</a>				
<hr/>						
<b>TR 03.05</b>	<b>Technical performance objectives</b>					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</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			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 699

04 December 2003 12:03:34

ACTIVE specs R96 03 .- series  
Server location: [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	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-22		Chalmers		
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	smg-20 11/10/1996 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>		
<hr/>					
<b>TS 03.08</b>	<b>Organization of Subscriber Data</b>				
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-18 12/04/1996 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-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	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> smg-22				
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	smg-18 12/04/1996 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> #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	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-16 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-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 access.

# 3GPP specification status

Page 700

04 December 2003 12:03:35

ACTIVE specs R96 03 .- series  
Server location: [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, comments):</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	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-20 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 S.p.A.		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-17 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, comments):</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>	Chalmers			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 701

04 December 2003 12:03:35

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.16 Subscriber Data Management

R96 *current version:* 5.3.0

*freeze\_meeting:* smg-22

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software

*G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0  
[get it](#)  
[get it](#)

---

## TS 03.18 Basic Call Handling

R96 *current version:* 5.6.0

*freeze\_meeting:* smg-22

*WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD

*G: yes U:* *MCC:* Chalmers  
KYMALAINEN, Kimmo

*history (event, available, version, comments):*

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.20 Security-related Network Functions

R96 *current version:* 5.2.1

*freeze\_meeting:* smg-22

*WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom

*G: yes U:* GP *MCC:* Sebastien  
POPE, Maurice

*history (event, available, version, comments):*

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

[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 access.

# 3GPP specification status

Page 702

04 December 2003 12:03:35

ACTIVE specs R96 03 .- series  
Server location: [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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22				Skov		
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	smg-20 11/10/1996			<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			<a href="#">get it</a>	<i>remarks - this release:</i>	group receive mode".	
	smg-21 14/02/1997			<a href="#">get it</a>			
ETSI publication	15/09/1997			<a href="#">get it</a>			
	smg-22 13/06/1997			<a href="#">get it</a>			
ETSI publication	31/12/1997			<a href="#">get it</a>			
	smg-26 26/06/1998			<a href="#">get it</a>			
ETSI publication	10/12/1998			<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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22				Skov		
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	smg-20 11/10/1996			<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-22 13/06/1997			<a href="#">get it</a>	<i>remarks - this release:</i>		
	smg-23 17/10/1997			<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	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	smg-20 11/10/1996			<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	<i>G: yes U:</i>		<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>						
	smg-23 17/10/1997			<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-26 26/06/1998			<a href="#">get it</a>	<i>remarks - this release:</i>		
	smg-27 16/10/1998			<a href="#">get it</a>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 703

04 December 2003 12:03:36

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R96 *current version:* 5.2.0

*freeze\_meeting:* smg-22

*history (event, available, version, comments):*

smg-21 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, comments):*

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 5 . 4 . 1  
smg-21 14/02/1997 5 . 5 . 0  
ETSI publication 5 . 5 . 1  
smg-22 13/06/1997 5 . 6 . 0  
Editorial correction 13/07/1997 5 . 6 . 1

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

*G: yes U:* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 03.40 Technical realization of the Short Message Service (SMS)

R96 *current version:* 5.8.1

*freeze\_meeting:* smg-22

*history (event, available, version, comments):*

smg-16 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 Research In Motion Limited

*G: yes U:* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* 2003-12-03: Note that this spec also contains stage 3.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 704

04 December 2003 12:03:36

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

smg-16	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 Research In Motion Limited  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

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>
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, comments):*

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 access.

# 3GPP specification status

Page 705

04 December 2003 12:03:36

ACTIVE specs R96 03 .- series  
Server location: [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 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent**  
R96 *current version:* 5.2.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 02/05/1997 5 . 0 . 1 [get it](#) *remarks - this release:*  
smg-21 14/02/1997 5 . 1 . 0 [get it](#)  
ETSI publication 26/08/1997 5 . 1 . 1 [get it](#)  
smg-22 13/06/1997 5 . 2 . 0 [get it](#)  
ETSI publication 02/02/1998 5 . 2 . 1 [get it](#)

---

**TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent**  
R96 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)**  
R96 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 706

04 December 2003 12:03:37

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TR 03.49</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, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	RODERMUND, Friedhelm	
	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>	
	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>		

---

<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 S.p.A.	
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>				
	smg-17 02/02/1996 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> #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 5 . 0 . 3		<a href="#">get it</a>		
	smg-25 20/03/1998 5 . 1 . 0		<a href="#">get it</a>		
	smg-27 16/10/1998 5 . 2 . 0		<a href="#">get it</a>		
	smg-28 12/02/1999 5 . 3 . 0		<a href="#">get it</a>		
	smg-32 20/06/2000 5 . 4 . 0		<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, comments):</i>				
	smg-23 17/10/1997 5 . 1 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-24 19/12/1997 5 . 2 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #23: 5.1.0 #24: 5.2.0	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 707

04 December 2003 12:03:37

ACTIVE specs R96 03 .- series  
Server location: [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, comments):</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>				

---

<b>TS 03.67</b>	<b>Enhanced Multi-Level Precedence and Pre-emption 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, comments):</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>					

---

<b>TS 03.68</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>								
R96	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</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>				
	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>					
	NP-21 13/10/2003	5 . 6 . 0		<a href="#">get it</a>					

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 708

04 December 2003 12:03:37

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.69 Voice Broadcast service (VBS); Stage 2

R96 *current version:* 5.6.0

*freeze\_meeting:* smg-22

*history (event, available, version, comments):*

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
NP-21	13/10/2003	5	.	6	.	0

WG (prime / other): N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH

G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*

*remarks - this release:* #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R96 *current version:* 5.0.0

*freeze\_meeting:* smg-22

*history (event, available, version, comments):*

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 access.

# 3GPP specification status

Page 709

04 December 2003 12:03:38

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.78</b>	<b>customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2</b>				
R96	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> LANTELME, Isabelle	ALCATEL S.A.	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version, comments):</i>					
	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>	

---

<b>TS 03.79</b>	<b>Support of Optimal Routeing phase 1; Stage 2</b>				
R96	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>					
	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:</i> #21: 5.0.0 #22: 5.1.0 #24: 5.2.0 #25: 5.3.0 #27: 5.4.0 TSG#5: 5.5.0
	smg-22	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>	

---

<b>TS 03.81</b>	<b>Line Identification Supplementary Services; Stage 2</b>				
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>					
	smg-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:</i> #20: 5.0.0 #24: 5.1.0 #26: 5.2.0
	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 access.

# 3GPP specification status

Page 710

04 December 2003 12:03:38

ACTIVE specs R96 03 .- series  
Server location: [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	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #20: 5.0.0
<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, comments):</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
<hr/>						
<b>TS 03.84</b>	<b>Multi Party (MPY) 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, comments):</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
<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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-20 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	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-20 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:</i> #20: 5.0.0

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 711

04 December 2003 12:03:38

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.88 Call Barring (CB) supplementary services; Stage 2**

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release:* #20: 5.0.0

---

**TS 03.90 Unstructured Supplementary Service Data (USSD)**

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
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, comments):*  
smg-16 20/10/1995 5 . 0 . 0  
smg-18 12/04/1996 5 . 0 . 1  
smg-19 28/06/1996 5 . 0 . 2

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #16: 5.0.0 #18: 5.0.1 #19: 5.0.2  
[get it](#)

---

R96

04 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](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, comments):*  
smg-20 11/10/1996 5 . 0 . 0

*WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S 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 access.



# 3GPP specification status

Page 712

04 December 2003 12:03:38

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration**  
R96 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
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 Peter MOTOROLA A/S  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
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, comments):*  
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 Peter MOTOROLA A/S  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 713

04 December 2003 12:03:39

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R96 *current version:* 5.4.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-22

*G:* yes *U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

smg-20	11/10/1996	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:</i>
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-25	20/03/1998	5 . 2 . 0	<a href="#">get it</a>	
ETSI publication	23/10/1998	5 . 2 . 1	<a href="#">get it</a>	
smg-29	25/06/1999	5 . 3 . 0	<a href="#">get it</a>	
ETSI publication	22/12/1999	5 . 3 . 1	<a href="#">get it</a>	
smg-31	16/02/2000	5 . 4 . 0	<a href="#">get it</a>	
ETSI Publication	28/11/2000	5 . 4 . 1	<a href="#">get it</a>	

---

## 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, comments):*

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>	
ETSI publication	05/05/1997	5 . 1 . 2	<a href="#">get it</a>	
smg-21	14/02/1997	5 . 2 . 0	<a href="#">get it</a>	
ETSI publication	19/12/1997	5 . 2 . 1	<a href="#">get it</a>	
smg-24	19/12/1997	5 . 3 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 714

04 December 2003 12:03:39

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

R96 current version: 5.20.0

freeze\_meeting: smg-22

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version, comments):

smg-16	20/10/1995	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen
smg-17	02/02/1996	5 . 1 . 0	<a href="#">get it</a>	remarks - this release:	(even numbered CRs!)
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	13/05/1997	5 . 4 . 1	<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>		
ETSI OAP	19/09/1997	5 . 6 . 2	<a href="#">get it</a>		
ETSI publication	27/02/1998	5 . 6 . 3	<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>		
smg-25	20/03/1998	5 . 9 . 0	<a href="#">get it</a>		
ETSI publication	23/10/1998	5 . 9 . 1	<a href="#">get it</a>		
smg-26	26/06/1998	5 . 10 . 0	<a href="#">get it</a>		
ETSI publication	16/12/1998	5 . 10 . 1	<a href="#">get it</a>		
smg-27	16/10/1998	5 . 11 . 0	<a href="#">get it</a>		
ETSI publication	23/03/1999	5 . 11 . 1	<a href="#">get it</a>		
smg-28	12/02/1999	5 . 12 . 0	<a href="#">get it</a>		
smg-29	25/06/1999	5 . 13 . 0	<a href="#">get it</a>		
ETSI publication	22/12/1999	5 . 13 . 1	<a href="#">get it</a>		
smg-30	11/11/1999	5 . 14 . 0	<a href="#">get it</a>		
ETSI publication	09/05/2000	5 . 14 . 1	<a href="#">get it</a>		
NP-07	15/03/2000	5 . 15 . 0	<a href="#">get it</a>		
ETSI publication	05/10/2000	5 . 15 . 1	<a href="#">get it</a>		
smg-31b	17/04/2000	5 . 16 . 0	<a href="#">get it</a>		
smg-32	20/06/2000	5 . 17 . 0	<a href="#">get it</a>		
GP-01	12/10/2000	5 . 18 . 0	<a href="#">get it</a>		
edito	02/11/2000	5 . 18 . 1	<a href="#">get it</a>		
NP-18	18/12/2002	5 . 19 . 0	<a href="#">get it</a>		
GP-15	10/07/2003	5 . 20 . 0	<a href="#">get it</a>		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 715

04 December 2003 12:03:40

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* Skov KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-20 5 . 0 . 0 *remarks - general:*  
edito 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:*

---

## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R96 *current version:* 5.3.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
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 . 1 . 1 [get it](#)  
smg-21 14/02/1997 5 . 2 . 0 [get it](#)  
ETSI publication 15/09/1997 5 . 2 . 1 [get it](#)  
NP-09 24/10/2000 5 . 3 . 0 [get it](#)

---

## TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

R96 *current version:* 5.0.2 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #19: 5.0.0 #20: 5.0.1  
ETSI Publication 28/11/2000 5 . 0 . 2 [get it](#)

---

## TS 04.13 Performance Requirements on Mobile Radio Interface

R96 *current version:* 5.1.1 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
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:* #18: 5.0.0 #20: 5.1.0  
ETSI Publication 28/11/2000 5 . 1 . 1 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 716

04 December 2003 12:03:40

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.14</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, comments):								
	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:				
<hr/>									
<b>TS 04.21</b>	<b>Rate Adaption on the Mobile Station - Base Station System (MS-BSS) 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, comments):								
	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>					
<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 Switching</b>								
R96	current version: Centre (BSS - MSC) interface	5.6.1	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-22	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, comments):								
	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:				
	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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 717

04 December 2003 12:03:40

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.63 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, comments):*  
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, comments):*  
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, comments):*  
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, comments):*  
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 access.

# 3GPP specification status

Page 718

04 December 2003 12:03:41

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R96 *current version:* 5.3.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

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>
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>

---

## TS 04.81 Line Identification Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-20	11/10/1996	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
ETSI Publication	11/11/1996	5	.	0	.	1	<a href="#">get it</a> <i>remarks - this release: #20: 5.0.0</i>

---

## TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-20	11/10/1996	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
ETSI Publication	11/11/1996	5	.	0	.	1	<a href="#">get it</a> <i>remarks - this release: #20: 5.0.0</i>

---

## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-20	11/10/1996	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
ETSI Publication	11/11/1996	5	.	0	.	1	<a href="#">get it</a> <i>remarks - this release: #20: 5.0.0</i>

---

## TS 04.84 Multi Party (MPTY) Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-20	11/10/1996	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
ETSI Publication	11/11/1996	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 access.

# 3GPP specification status

Page 719

04 December 2003 12:03:41

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3**

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release:* #20: 5.0.0

---

**TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3**

R96 *current version:* 5.0.1  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0  
ETSI Publication 11/11/1996 5 . 0 . 1

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #20: 5.0.0

---

**TS 04.88 Call Barring (CB) Supplementary Services; Stage 3**

R96 *current version:* 5.1.1  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0  
smg-24 19/12/1997 5 . 1 . 0  
ETSI Publication 19/01/1998 5 . 1 . 1

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #20: 5.0.0 #24: 5.1.0  
[get it](#)

---

**TS 04.90 Unstructured Supplementary Service Data (USSD)**

R96 *current version:* 5.0.1  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0  
ETSI Publication 11/11/1996 5 . 0 . 1

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #20: 5.0.0

---

**TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3**

R96 *current version:* 5.1.2  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
smg-16 20/10/1995 5 . 0 . 0  
smg-17 02/02/1996 5 . 1 . 0  
ETSI Publication 02/03/1996 5 . 1 . 2

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.1.0  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 720

04 December 2003 12:03:41

ACTIVE specs R96 04 .- series  
Server location: [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 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

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>
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-25	20/03/1998	5	.	4	.	0	<a href="#">get it</a>

**TS 05.02 Multiplexing and Multiple Access on the Radio Path**

R96 *current version:* 5.10.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

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>
ETSI publication	13/05/1997	5	.	2	.	1	<a href="#">get it</a>
smg-21	14/02/1997	5	.	3	.	0	<a href="#">get it</a>
ETSI publication	26/08/1997	5	.	3	.	1	<a href="#">get it</a>
smg-22	13/06/1997	5	.	4	.	0	<a href="#">get it</a>
ETSI publication	31/12/1997	5	.	4	.	1	<a href="#">get it</a>
smg-23	17/10/1997	5	.	5	.	0	<a href="#">get it</a>
smg-25	20/03/1998	5	.	6	.	0	<a href="#">get it</a>
ETSI publication	23/10/1998	5	.	6	.	1	<a href="#">get it</a>
smg-26	26/06/1998	5	.	7	.	0	<a href="#">get it</a>
ETSI publication	10/12/1998	5	.	7	.	1	<a href="#">get it</a>
smg-28	12/02/1999	5	.	8	.	0	<a href="#">get it</a>
ETSI publication	04/08/1999	5	.	8	.	1	<a href="#">get it</a>
GP-01	09/10/2000	5	.	9	.	0	<a href="#">get it</a>
GP-06	01/10/2001	5	.	10	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 721

04 December 2003 12:03:42

ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.03 Channel coding

R96 *current version:* 5.6.0

*freeze\_meeting:* smg-22

*history (event, available, version, comments):*

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

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

*G: yes U:*

*MCC:* USAI, Paolino

[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](#)

[get it](#)

---

## TS 05.04 Modulation

R96 *current version:* 5.1.1

*freeze\_meeting:* smg-22

*history (event, available, version, comments):*

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

*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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 722

04 December 2003 12:03:42

ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.05 Radio Transmission and Reception

R96 *current version:* 5.13.0

*freeze\_meeting:* smg-22

*history (event, available, version, comments):*

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 Telefon AB LM Ericsson  
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[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 access.

# 3GPP specification status

Page 723

04 December 2003 12:03:42

ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.08 Radio Subsystem Link Control

R96 *current version:* 5.10.0

*freeze\_meeting:* smg-22

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

*G: yes U:*

*MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-18	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

[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](#)

---

## TS 05.10 Radio subsystem synchronization

R96 *current version:* 5.4.1

*freeze\_meeting:* smg-22

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

*G: yes U:*

*MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-18	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

[get it](#)

*remarks - general:*

*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 access.

# 3GPP specification status

Page 724

04 December 2003 12:03:43

ACTIVE specs R96 05 .- series  
Server location: [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  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
smg-20 11/10/1996 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:* #20: 5.0.0

---

## TR 05.50 Background for RF Requirements

R96 *current version:* 5.1.1  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0  
smg-21 14/02/1997 5 . 1 . 0  
smg-23 17/10/1997 5 . 1 . 1

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #23: 5.1.1  
[get it](#)

---

## TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
smg-20 28/05/1998 5 . 0 . 0 No proper source file available

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

[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  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0  
smg-23 17/10/1997 5 . 1 . 0  
ETSI Publication 17/11/1997 5 . 1 . 1

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 725

04 December 2003 12:03:43

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

## TS 06.02 Half Rate Speech Processing Functions

R96 *current version:* 5.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #20: 5.0.0

---

## TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

R96 *current version:* 5.1.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #22: 5.1.0 #23: 5.1.1  
smg-23 17/10/1997 5 . 1 . 1 [get it](#)

---

## TS 06.07 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec

R96 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #22: 5.1.0 #23: 5.2.0  
smg-23 17/10/1997 5 . 2 . 0 [get it](#)  
ETSI Publication 17/11/1997 5 . 2 . 1 [get it](#)

---

## TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

R96 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #20: 5.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 726

04 December 2003 12:03:43

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

## TS 06.10 Full Rate Speech Transcoding

R96 *current version:* 5.3.0 *WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
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:*  
smg-32 20/06/2000 5 . 2 . 0 [get it](#)  
ETSI Publication 04/01/2001 5 . 2 . 1 [get it](#)  
SP-12 29/06/2001 5 . 3 . 0 [get it](#)

---

## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R96 *current version:* 5.0.1 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-23 17/10/1997 5 . 0 . 1 [get it](#) *remarks - this release:* #20: 5.0.0 #23: 5.0.1

---

## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R96 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #20: 5.0.0  
SP-12 29/06/2001 5 . 1 . 0 [get it](#)

---

## TS 06.20 Half Rate Speech Transcoding

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, comments):*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #22: 5.1.0  
ETSI Publication 13/07/1997 5 . 1 . 1 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 727

04 December 2003 12:03:44

ACTIVE specs R96 06 .- series  
Server location: [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	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 11/11/1996 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release: #20: 5.0.0</i>			
<hr/>						
<b>TS 06.22</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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: #20: 5.0.0 #22: 5.1.0</i>			
<hr/>						
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-23 17/10/1997 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release: #20: 5.0.0 #23: 5.0.1</i>			
<hr/>						
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>					
R96	<i>current version:</i> 5.0.3	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-23 17/10/1997 5 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release: #20: 5.0.0 #23: 5.0.2</i>			
	ETSI Publication 17/11/1997 5 . 0 . 3	<a href="#">get it</a>				
<hr/>						
<b>TS 06.41</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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: #20: 5.0.0 #22: 5.0.1 #23: 5.1.0</i>			
	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 access; U = required in systems with UMTS access.



# 3GPP specification status

Page 728

04 December 2003 12:03:44

ACTIVE specs R96 06 .- series  
Server location: [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, comments):</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, comments):</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, comments):</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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 729

04 December 2003 12:03:44

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

## TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R96 *current version:* 5.3.0  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
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, comments):*  
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, comments):*  
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, comments):*  
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 access.

# 3GPP specification status

Page 730

04 December 2003 12:03:45

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

## TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

R96 *current version:* 5.1.3 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3  
smg-20 11/10/1996 5 . 1 . 1 [get it](#)  
ETSI publication 28/03/1997 5 . 1 . 2 [get it](#)  
smg-23 17/10/1997 5 . 1 . 3 [get it](#)

---

## TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

R96 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0  
smg-20 11/10/1996 5 . 1 . 1 [get it](#)  
smg-22 13/06/1997 5 . 1 . 2 [get it](#)  
smg-30 11/11/1999 5 . 2 . 0 [get it](#)  
ETSI Publication 09/05/2000 5 . 2 . 1 [get it](#)

---

## TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

R96 *current version:* 5.0.3 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-20 11/10/1996 5 . 0 . 2 [get it](#) *remarks - this release:* #17: 5.0.0 #20: 5.0.2 #22: 5.0.3  
smg-22 13/06/1997 5 . 0 . 3 [get it](#)

---

## TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation

R96 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-26 26/06/1998 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #26: 5.0.0

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 731

04 December 2003 12:03:45

ACTIVE specs R96 07 .- series  
Server location: [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 *current version:* 5.9.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

smg-16	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 *current version:* 5.5.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

smg-16	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 access.

# 3GPP specification status

Page 732

04 December 2003 12:03:46

ACTIVE specs R96 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R96 *current version:* 5.4.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

smg-18	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: #18: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0</i>
smg-21	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 Research In Motion Limited  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

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:* CHRISTENSEN, Soren Telefon AB LM Ericsson  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

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 access.

# 3GPP specification status

Page 733

04 December 2003 12:03:46

ACTIVE specs R96 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

## TS 07.08 GSM Application Programming Interface

R96 *current version:* 5.2.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH  
*freeze\_meeting:* smg-22  
G: yes U: *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

smg-20	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> #20: 5.0.0 #21: 5.1.0 #24: 5.2.0
smg-24	19/12/1997	5	.	2	.	0	<a href="#">get it</a>	
ETSI Publication	19/01/1998	5	.	2	.	1	<a href="#">get it</a>	

---

## TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R96 *current version:* 5.1.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd  
*freeze\_meeting:* smg-22  
G: yes U: *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

smg-24	19/12/1997	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
								<i>remarks - this release:</i> #24: 5.1.0

---

R96 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

## TS 08.01 General Aspects on the BSS-MSC Interface

R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov  
*freeze\_meeting:* smg-22  
G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

smg-20	11/10/1996	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
								<i>remarks - this release:</i>

---

## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R96 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov  
*freeze\_meeting:* smg-22  
G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

smg-20	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>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 734

04 December 2003 12:03:46

ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-22  
G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

## TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

R96 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-22  
G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-18 12/04/1996 5 . 1 . 0 [get it](#) *remarks - this release:*  
smg-25 20/03/1998 5 . 2 . 0 [get it](#)  
smg-28 12/02/1999 5 . 3 . 0 [get it](#)

---

## TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R96 *current version:* 5.12.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-22  
G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
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-18 5 . 2 . 0  
smg-19 5 . 3 . 0  
smg-20 11/10/1996 5 . 4 . 0 [get it](#)  
smg-21 14/02/1997 5 . 5 . 0 [get it](#)  
smg-22 13/06/1997 5 . 6 . 0 [get it](#)  
smg-23 5 . 7 . 0  
smg-24 5 . 8 . 0  
smg-25 5 . 9 . 0  
smg-28 29/06/1998 5 . 10 . 0 [get it](#)  
smg-29 25/06/1999 5 . 11 . 0 [get it](#)  
smg-31b 17/04/2000 5 . 12 . 0 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 735

04 December 2003 12:03:47

ACTIVE specs 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 08.18</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:	MCC:	THOMASEN, Gert					
	<i>history (event, available, version, comments):</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:	MCC:	BOSWARTHICK, David					
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	THOMASEN, Gert					
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	THOMASEN, Gert					
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.



# 3GPP specification status

Page 736

04 December 2003 12:03:47

ACTIVE specs 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 08.54</b>	<b>BSC-BTS Layer 1; Structure of Physical Circuits</b>				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-16 20/10/1995 5 . 0 . 0		<i>remarks - this release:</i>		
<hr/>					
<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-20 11/10/1996 5 . 0 . 0		<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>				
R96	<i>current version:</i> 5.10.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-16 20/10/1995 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #16: 5.0.0 #17: 5.1.0 #19: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25:		
	smg-17 02/02/1996 5 . 1 . 0	<a href="#">get it</a>	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 access.

# 3GPP specification status

Page 737

04 December 2003 12:03:47

ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels**  
R96 *current version:* 5.1.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-17	02/02/1996	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
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>		
smg-22	13/06/1997	5	.	1	.	0	<a href="#">get it</a>		
ETSI Publication	13/07/1997	5	.	1	.	1	<a href="#">get it</a>		

---

**TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
R96 *current version:* 5.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-20	11/10/1996	5	.	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	11/11/1996	5	.	0	.	1	<a href="#">get it</a>	<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)

---

**TR 09.01 General Network Interworking Scenarios**  
R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-20	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 access.

# 3GPP specification status

Page 738

04 December 2003 12:03:47

ACTIVE specs R96 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

R96 *current version:* 5.19.0

*freeze\_meeting:* smg-22

*history (event, available, version, comments):*

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	12/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	03/06/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
edito	23/05/1997	5	.	5	.	1
ETSI publication	05/11/1997	5	.	5	.	2
smg-22	13/06/1997	5	.	6	.	0
ETSI publication	02/02/1998	5	.	6	.	1
smg-23	17/10/1997	5	.	7	.	0
smg-24	19/12/1997	5	.	8	.	0
ETSI publication	23/07/1998	5	.	8	.	1
smg-25	20/03/1998	5	.	9	.	0
ETSI publication	09/03/1999	5	.	9	.	1
smg-26	26/06/1998	5	.	10	.	0
ETSI publication	05/09/1999	5	.	10	.	1
smg-27	16/10/1998	5	.	11	.	0
ETSI publication	23/03/1999	5	.	11	.	1
smg-28	12/02/1999	5	.	12	.	0
ETSI publication	04/08/1999	5	.	12	.	1
smg-29	25/06/1999	5	.	13	.	0
ETSI publication	29/12/1999	5	.	13	.	1
NP-05	08/10/1999	5	.	14	.	0
ETSI publication	09/05/2000	5	.	14	.	1
NP-06	15/12/1999	5	.	15	.	0
NP-09	13/11/2000	5	.	16	.	0
NP-15	04/04/2002	5	.	17	.	0
include SDLs	22/07/2002	5	.	17	.	1
NP-19	04/04/2003	5	.	18	.	0
NP-21	09/10/2003	5	.	19	.	0

*WG (prime / other):* N4 / -

*G: yes U:*

*rapporteur:* WIEHE, Ulrich

*MCC:* KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#)

*remarks - general:* CN->N4 Apr00 (JMM)

*remarks - this release:*

[get it](#)

[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](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 739

04 December 2003 12:03:48

ACTIVE specs 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 09.03</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> 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i> smg-20 11/10/1996 5 . 0 . 0 <a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed". <i>remarks - this release:</i> #20: 5.0.0
<hr/>	
<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 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i> smg-20 11/10/1996 5 . 0 . 0 <a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed". <i>remarks - this release:</i> #20: 5.0.0
<hr/>	
<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 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i> smg-20 11/10/1996 5 . 0 . 0 <a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed". <i>remarks - this release:</i> #20: 5.0.0
<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>
R96	<i>current version:</i> <b>Switched Data Transmission Services</b> 5.0.2 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i> smg-19 28/06/1996 5 . 0 . 0 <a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed". smg-20 11/10/1996 5 . 0 . 1 <a href="#">get it</a> <i>remarks - this release:</i> #19: 5.0.0 #20: 5.0.1 ETSI Publication 11/11/1996 5 . 0 . 2 <a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 740

04 December 2003 12:03:48

ACTIVE specs 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 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network</b>								
R96	current version: (PSTN)	5.10.1	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
	history (event, available, version, comments):								
	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 #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	/-	rapporteur:	FARHOUMAND, Rouzbeh Ericsson Incorporated		
	freeze_meeting: smg-22								
	history (event, available, version, comments):		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	/-	rapporteur:	KYMALAINEN, Kimmo		
TeliaSonera AB									
	freeze_meeting: smg-22		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version, comments):								
	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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 741

04 December 2003 12:03:48

ACTIVE specs R96 09 .- series  
Server location: [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

R96 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #18: 5.0.0 #19: 5.1.0

---

## TS 09.78 CAMEL Application Part phase 2 (stage 3)

R96 *current version:* 5.7.0 *WG (prime / other):* N2 / - *rapporteur:* NOLDUS, Rogier Telefon AB LM Ericsson  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*history (event, available, version, comments):*  
smg-21 14/02/2000 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release:*  
smg-23 17/10/1997 5 . 2 . 0 [get it](#)  
smg-24 19/12/1997 5 . 3 . 0 [get it](#)  
smg-25 20/03/1998 5 . 4 . 0 [get it](#)  
smg-26 26/06/1998 5 . 5 . 0 [get it](#)  
smg-28 12/02/1999 5 . 6 . 0 [get it](#)  
smg-29 25/06/1999 5 . 7 . 0 [get it](#)

---

## TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

R96 *current version:* 5.1.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-17? 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-22 02/01/2001 5 . 1 . 0 [get it](#) *remarks - this release:*

---

## TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

R96 *current version:* 5.1.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-21 *G: yes U:* *MCC:* Skov JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0 withdrawn SMG-30; reinstated NP-16 [get it](#) *remarks - general:*  
NP-16 26/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.  
edito post NP-18 16/12/2002 5 . 1 . 1 minor editorials to change style from TS [get it](#)  
to TR.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 742

04 December 2003 12:03:49

ACTIVE specs R96 10 .- series  
Server location: [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:* YOON, Sang-Ui

*history (event, available, version, comments):*

smg-19	5	.	0	.	0	
smg-19	5	.	1	.	0	<i>remarks - general:</i>
edito	5	.	1	.	2	<i>remarks - this release:</i> Jun00: version we have is actually 5.1.2 !
smg-20	5	.	2	.	0	
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 Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-21	14/02/1997	1	.	0	.	0	
smg-25	20/03/1998	1	.	1	.	0	<a href="#">get it</a> <i>remarks - general:</i>
smg-25	20/03/1998	5	.	0	.	0	<i>remarks - this release:</i> #21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0
smg-28	12/02/1999	5	.	1	.	0	<a href="#">get it</a>

---

**TR 10.14 System overview for 14.4 kbit/s Work Item**

R96 *current version:* 5.0.0 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

smg-22	18/06/1997	1	.	0	.	0	
smg-22	23/07/1997	1	.	0	.	1	<a href="#">get it</a> <i>remarks - general:</i> still alive? June-2001:no. So no propogation to later releases.
smg-22		2	.	0	.	0	<i>remarks - this release:</i>
smg-22		5	.	0	.	0	

---

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 access.

# 3GPP specification status

Page 743

04 December 2003 12:03:49

ACTIVE specs R96 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**

R96 *current version:* 5.12.2 *WG (prime / other):* G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-22

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version, comments):*

	smg-18	12/04/1996	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> R99 version now serves all releases. Earlier releases closed.. Subsequently replaced <i>remarks - this release:</i> #31bis: closed (R99 version serves all releases) by Rel-5 equivalent. 2001-11-19: G4-
	smg-21	14/02/1997	5 . 1 . 0	<a href="#">get it</a>	
>G5.	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-26	06/06/1998	5 . 6 . 0	<a href="#">get it</a>	
	smg-27	16/10/1998	5 . 7 . 0	<a href="#">get it</a>	
	smg-28	12/02/1999	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>	
	smg-31	16/02/2000	5 . 11 . 0	<a href="#">get it</a>	
Editorial correction	16/02/2000	5 . 11 . 1	<a href="#">get it</a>		
GP-06	06/09/2001	5 . 12 . 0	<a href="#">get it</a>		
Editorial correction	01/08/2002	5 . 12 . 1	<a href="#">get it</a>		
Editorial correction	02/08/2002	5 . 12 . 2	<a href="#">get it</a>		

---

**TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**

R96 *current version:* 5.1.0 *WG (prime / other):* G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-22

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version, comments):*

	smg-30	11/11/1999	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> #32:closed GP-06: Rel-4 serves all releases. But this version still exists!
	smg-18	12/04/1996	5 . 0 . 0	<a href="#">get it</a>	
ETSI publication	23/06/2000	5 . 0 . 1	<a href="#">get it</a>		
GP-06	06/09/2001	5 . 1 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 744

04 December 2003 12:03:49

ACTIVE specs R96 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

## TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R96 *current version:* 5.6.0 *WG (prime / other):* T3 / G2, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-22 G3ne  
w

*G:* yes *U:* *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

smg-30 11/11/1999 5 . 0 . 0  
smg-31 16/02/2000 5 . 1 . 0

[get it](#) *remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99  
[get it](#) *remarks - this release:* GP-06: Rel-4 serves all releases. TP-17: T3 proposes to take over this spec from G5,

version not derived from R96 by CR; also to withdraw the R96 version, since the R99

and to approve a new R99 version not derived from R96 by CR; also to withdraw the version will cover all previous Releases. TP-20: accepted by T3 (from G4).

editorial 15/09/2000 5 . 1 . 1

[get it](#)

R96 version, since the R99 version will cover all previous Releases.

GP-02 30/11/2000 5 . 2 . 0  
GP-04 29/03/2001 5 . 3 . 0  
GP-04 11/04/2001 5 . 3 . 0  
GP-06 31/08/2001 5 . 4 . 0  
GP-07 09/01/2002 5 . 5 . 0  
GP-13 21/02/2003 5 . 6 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R96 *current version:* 5.10.1 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

smg-16 20/10/1995 5 . 0 . 0  
smg-17 02/02/1996 5 . 1 . 0  
smg-18 12/04/1996 5 . 2 . 0  
smg-19 28/06/1996 5 . 3 . 0  
smg-20 11/10/1996 5 . 4 . 0  
smg-21 14/02/1997 5 . 5 . 0  
smg-22 13/06/1997 5 . 6 . 0  
smg-23 17/10/1997 5 . 7 . 0  
smg-24 19/12/1997 5 . 8 . 0  
smg-25 20/03/1998 5 . 9 . 0  
smg-26 26/06/1998 5 . 10 . 0  
Editorial correction 26/06/1998 5 . 10 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 745

04 December 2003 12:03:50

ACTIVE specs R96 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.14</b>	<b>Specification of the SIM Application Toolkit (SAT) 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>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
<i>history (event, available, version, comments):</i>						
	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 11.26</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> G1 / -	<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, comments):</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>		

---

R96 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

<b>TS 12.02</b>	<b>Subscriber, Mobile Equipment (ME) and Services Data Administration</b>					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version, comments):</i>						
	smg-22	13/06/1997	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	Editorial correction	13/07/1997	5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 746

04 December 2003 12:03:50

ACTIVE specs R96 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

## TS 12.05 Subscriber Related Call and Event Data

R96 *current version:* 5.0.1 *WG (prime / other):* S5 / S1 *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* MCC: ZOICAS, Adrian  
*history (event, available, version, comments):*  
smg-23 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 *rapporteur:* RONKA, Kari NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* MCC: ZOICAS, Adrian  
*history (event, available, version, comments):*  
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):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* MCC: USAI, Paolino  
*history (event, available, version, comments):*  
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.  
*remarks - this release:*

---

## Ph2

Ph2 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 747

04 December 2003 12:03:50

ACTIVE specs 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 01.01</b>	<b>Technical Specifications and Technical Reports for a GERAN-based 3GPP system</b>								
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat			
	<i>freeze_meeting:</i>	G: yes	U:	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-20 25/06/2003 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for			
					<i>remarks - this release:</i>	. backwards extension to earlier releases.			
<hr/>									
<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	<i>WG (prime / other):</i>	S1 / GP / NP	<i>rapporteur:</i>	JORGENSEN, Niels H.	TDC TELE DANMARK A/S			
	<i>freeze_meeting:</i> smg-11b	G: yes	U:	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-07 25/06/1993 4 . 0 . 1			<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-08 01/10/1993 4 . 0 . 2			<a href="#">get it</a>	<i>remarks - this release:</i>				
<hr/>									
<b>TR 01.04</b>	<b>Abbreviations and acronyms</b>								
Ph2	<i>current version:</i> 4.1.2	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> smg-11b	G: yes	U:	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	smg-08 01/10/1993 4 . 0 . 1			<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-09 21/01/1994 4 . 0 . 3			<a href="#">get it</a>	<i>remarks - this release:</i>				
	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)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 748

04 December 2003 12:03:51

ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.01</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> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 749

04 December 2003 12:03:51

ACTIVE specs Ph2 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)

Ph2 *current version:* 4.5.2 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-07	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-14	07/04/1995	4 . 3 . 0	<a href="#">get it</a>	
smg-16	07/07/1995	4 . 4 . 0	<a href="#">get it</a>	
smg-22	13/06/1997	4 . 5 . 0	<a href="#">get it</a>	
ETSI OAP	21/07/1997	4 . 5 . 1	<a href="#">get it</a>	
ETSI publication	14/01/1998	4 . 5 . 2	<a href="#">get it</a>	

---

## TS 02.07 Mobile Station (MS) Features

Ph2 *current version:* 4.8.2 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 4 . 1	<a href="#">get it</a>	<i>remarks - general:</i>
smg-08	01/10/1993	4 . 4 . 2	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-10	15/04/1994	4 . 5 . 0	<a href="#">get it</a>	
smg-11	01/07/1994	4 . 6 . 0	<a href="#">get it</a>	
smg-15	07/07/1995	4 . 7 . 0	<a href="#">get it</a>	
smg-22	13/06/1997	4 . 8 . 0	<a href="#">get it</a>	
ETSI OAP	21/07/1997	4 . 8 . 1	<a href="#">get it</a>	
ETSI publication	14/01/1998	4 . 8 . 2	<a href="#">get it</a>	

---

## TS 02.09 Security aspects

Ph2 *current version:* 4.5.1 *WG (prime / other):* S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* POPE, Maurice

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 2 . 1	<a href="#">get it</a>	<i>remarks - general:</i>
smg-12	07/10/1994	4 . 3 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-22	13/06/1997	4 . 4 . 0	<a href="#">get it</a>	
ETSI publication	14/01/1998	4 . 4 . 1	<a href="#">get it</a>	
smg-31	16/02/2000	4 . 5 . 0	<a href="#">get it</a>	
ETSI publication	29/08/2000	4 . 5 . 1	<a href="#">get it</a>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 750

04 December 2003 12:03:52

ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.11</b>	<b>Service Accessibility</b>					
Ph2	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 5 . 1		<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-10 15/04/1994 4 . 6 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	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 (IMEI)</b>					
Ph2	<i>current version:</i> 4.7.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 3 . 1		<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-12 07/10/1994 4 . 4 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	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	<i>current version:</i> 4.3.3	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	.. 30/08/2001 4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-02 30/08/2001 4 . 1 . 0 167/92		<a href="#">get it</a>	<i>remarks - this release:</i>		
	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>			
	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 access.

# 3GPP specification status

Page 751

04 December 2003 12:03:52

ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.24</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> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</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> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</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> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</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> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</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 access.



# 3GPP specification status

Page 752

04 December 2003 12:03:52

ACTIVE specs Ph2 02 .- series  
Server location: [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 *WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola TeliaSonera AB  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-07 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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #7: 4.3.1 #10: 4.4.0 #11: 4.4.1 #12: 4.5.0 #16: 4.5.1 #24: 4.6.0*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

Ph2 *current version:* 4.5.2 *WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-07 25/06/1993 4 . 4 . 2  
smg-10 15/04/1994 4 . 5 . 0  
smg-16 20/10/1995 4 . 5 . 2

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #7: 4.4.2 #10: 4.5.0 #16: 4.5.2*  
[get it](#)

---

## TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1

Ph2 *current version:* 4.6.7 *WG (prime / other):* S1 / - *rapporteur:* JORGENSEN, Niels H. TDC TELE DANMARK A/S  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-07 25/06/1993 4 . 6 . 3  
smg-10 15/04/1994 4 . 6 . 5  
smg-16 20/10/1995 4 . 6 . 7

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #7: 4.6.3 #10: 4.6.5 #16: 4.6.7*  
[get it](#)

---

## TS 02.84 MultiParty (MPPTY) Supplementary Services; Stage 1

Ph2 *current version:* 4.4.7 *WG (prime / other):* S1 / - *rapporteur:* POSTMANN, Erwin SIEMENS AG  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-07 25/06/1993 4 . 4 . 2  
smg-11 01/07/1994 4 . 4 . 5  
smg-16 20/10/1995 4 . 4 . 7

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #7: 4.4.2 #11: 4.4.5 #16: 4.4.7*  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 753

04 December 2003 12:03:53

ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 1</b>				
Ph2	<i>current version:</i> 4.2.6	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 2 . 2		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-16 20/10/1995 4 . 2 . 6		<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.2.2 #16: 4.2.6	
<hr/>					
<b>TS 02.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 1</b>				
Ph2	<i>current version:</i> 4.1.5	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CRAWFORD, Ian	VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 1 . 1		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-16 01/10/1993 4 . 1 . 5		<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.1.1 #16: 4.1.5	
<hr/>					
<b>TS 02.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 1</b>				
Ph2	<i>current version:</i> 4.4.3	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</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 #16: 4.4.3	
	smg-16 27/01/1995 4 . 4 . 3		<a href="#">get it</a>		
<hr/>					
<b>TS 02.90</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 1</b>				
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SLOTTE, Sverre	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-08 01/10/1993 4 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-21 14/02/1997 4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #8: 4.0.1 #21: 4.1.0	
	ETSI publication 15/09/1997 4 . 1 . 1		<a href="#">get it</a>		

---

---

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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 754

04 December 2003 12:03:53

ACTIVE specs Ph2 03 .- series  
Server location: [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	<i>current version:</i> 4.0.4						
	<i>freeze_meeting:</i> smg-11b						
	<i>history (event, available, version, comments):</i>						
	smg-07 25/06/1993 4 . 0 . 1	<a href="#">get it</a>				<i>remarks - general:</i> SMG3->SA2 @ TSG#7	
	ETSI Publication 25/07/1993 4 . 0 . 4	<a href="#">get it</a>				<i>remarks - this release:</i> #7: 4.0.1	
<hr/>							
<b>TS 03.02</b>	<b>Network Architecture</b>						
Ph2	<i>current version:</i> 4.2.1						
	<i>freeze_meeting:</i> smg-11b						
	<i>history (event, available, version, comments):</i>						
	smg-07 25/06/1993 4 . 0 . 1	<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> #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	<i>current version:</i> 4.11.1						
	<i>freeze_meeting:</i> smg-11b						
	<i>history (event, available, version, comments):</i>						
	smg-07 25/06/1993 4 . 5 . 0	<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-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	<i>current version:</i> 4.0.4						
	<i>freeze_meeting:</i> smg-11b						
	<i>history (event, available, version, comments):</i>						
	smg-07 25/06/1993 4 . 0 . 1	<a href="#">get it</a>				<i>remarks - general:</i>	
	Publication 19/01/1996 4 . 0 . 4	<a href="#">get it</a>				<i>remarks - this release:</i> #7: 4.0.1	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 755

04 December 2003 12:03:53

ACTIVE specs Ph2 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>				
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-19 28/06/1996 4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.0.0 #19:4.1.0	
<hr/>					
<b>TS 03.07</b>	<b>Restoration Procedures</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> smg-11b	G: yes U:	Chalmers		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo		
	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:</i>	
	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	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 5 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-08 01/10/1993 4 . 5 . 1		<a href="#">get it</a>	<i>remarks - this release:</i>	
	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	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 1 . 0		<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> #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 with UMTS access.

# 3GPP specification status

Page 756

04 December 2003 12:03:54

ACTIVE specs Ph2 03 .- series  
Server location: [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:* smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*  
Publication 13/09/1994 4 . 3 . 1 [get it](#)

## TS 03.11 Technical Realization of Supplementary Services - General Aspects

Ph2 *current version:* 4.10.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-07 4 . 4 . 0 *remarks - general:*  
ETSI public enquiry 24/10/2002 4 . 4 . 1 [get it](#) *remarks - this release:*  
smg-09 4 . 5 . 0  
smg-10 4 . 6 . 0  
smg-11 4 . 7 . 0  
smg-12 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 4 . 10 . 0  
smg-18 12/04/1996 4 . 10 . 1 [get it](#)

## TS 03.12 Location Registration Procedures

Ph2 *current version:* 4.4.2 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
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](#)

## TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph2 *current version:* 4.0.4 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*  
Publication 13/09/1994 4 . 0 . 4 [get it](#) *remarks - this release: #7: 4.0.1*

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 757

04 December 2003 12:03:54

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<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> smg-11b	G: yes	U:	<i>MCC:</i>	JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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:</i> #7: 4.0.0 #10: 4.1.0		
	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> smg-11b	G: yes	U:	<i>MCC:</i>	Chalmers KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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:</i> #7: 4.2.0 #10: 4.3.0		
	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	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-11b	G: yes	U:	<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>						
	smg-14 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:</i> #14: 4.1.0 #16: 4.1.1 #18: 4.2.1		
	smg-18 12/04/1996 4 . 2 . 1			<a href="#">get it</a>			
<hr/>							
<b>TS 03.20</b>	<b>Security-related Network Functions</b>						
Ph2	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i>	S3 / NP / GP	<i>rapporteur:</i>	NGUYEN NGOC, Sebastien	France Telecom	
	<i>freeze_meeting:</i> smg-11b	G: yes	U:	<i>MCC:</i>	POPE, Maurice		
	<i>history (event, available, version, comments):</i>						
	smg-07 25/06/1993 4 . 2 . 1			<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:</i>		
	smg-17 02/02/1996 4 . 3 . 2			<a href="#">get it</a>			
	smg-21 14/02/1997 4 . 4 . 0			<a href="#">get it</a>			
	Publication 26/08/1997 4 . 4 . 1			<a href="#">get it</a>			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 758

04 December 2003 12:03:54

ACTIVE specs Ph2 03 .- series  
Server location: [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>						
Ph2	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-11b		Skov				
		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	smg-07 25/06/1993 4 . 4 . 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-09 21/01/1994 4 . 5 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	group receive mode".			
	smg-10 15/04/1994 4 . 6 . 0	<a href="#">get it</a>					
	smg-11 01/07/1994 4 . 7 . 0	<a href="#">get it</a>					
	smg-12 07/10/1994 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-17 02/02/1996 4 . 11 . 0	<a href="#">get it</a>					

---

<b>TR 03.26</b>	<b>Multiband operation of GSM/DCS 1800 by a single operator</b>						
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-11b		Skov				
		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	smg-18 12/04/1996 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-22 13/06/1997 4 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>				
	smg-23 17/10/1997 4 . 3 . 0	<a href="#">get it</a>					

---

<b>TR 03.30</b>	<b>Radio Network Planning Aspects</b>						
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	smg-07 25/06/1993 4 . 2 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-09 21/01/1994 4 . 2 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	#7: 4.2.0 #9: 4.2.1 #13: 4.3.0			
	smg-13 27/01/1995 4 . 3 . 0	<a href="#">get it</a>					

---

<b>TS 03.38</b>	<b>Alphabets and language-specific information</b>						
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>						
	smg-10 4 . 0 . 0		<i>remarks - general:</i>				
	Publication 13/09/1994 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	#10: 4.0.0			

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 759

04 December 2003 12:03:55

ACTIVE specs Ph2 03 .- series  
Server location: [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)

Ph2 *current version:* 4.13.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 6 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3.
smg-08	01/10/1993	4 . 7 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-10	15/04/1994	4 . 8 . 1	<a href="#">get it</a>	
smg-11	01/07/1994	4 . 9 . 0	<a href="#">get it</a>	
smg-15	07/07/1995	4 . 11 . 0	<a href="#">get it</a>	
smg-16	20/10/1995	4 . 12 . 0	<a href="#">get it</a>	
smg-18	12/04/1996	4 . 13 . 0	<a href="#">get it</a>	

---

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

Ph2 *current version:* 4.11.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

smg-07	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>
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-16	20/10/1995	4 . 11 . 0	<a href="#">get it</a>	

---

## 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:* smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 1 . 1	<a href="#">get it</a>	<i>remarks - general:</i>
Editorial	19/01/1996	4 . 1 . 2	<a href="#">get it</a>	<i>remarks - this release:</i>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 760

04 December 2003 12:03:55

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)**  
Ph2 *current version:* 4.0.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
Editorial	30/07/1998	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>

---

**TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent**  
Ph2 *current version:* 4.5.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

smg-07	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-09	21/01/1994	4 . 3 . 1	<a href="#">get it</a>	
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-14	07/04/1995	4 . 5 . 0	<a href="#">get it</a>	

---

**TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent**  
Ph2 *current version:* 4.1.2 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>
smg-08	01/10/1993	4 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-11	01/07/1994	4 . 1 . 0	<a href="#">get it</a>	
Publication	19/01/1996	4 . 1 . 2	<a href="#">get it</a>	

---

**TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)**  
Ph2 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 1 . 0	<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-12	07/10/1994	4 . 2 . 1	<a href="#">get it</a>	
smg-18	12/04/1996	4 . 4 . 0	<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 761

04 December 2003 12:03:55

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TR 03.49</b>	<b>Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)</b>				
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-11b				
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	RODERMUND, Friedhelm	
	smg-07 25/06/1993 4 . 1 . 0	<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> #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	<a href="#">get it</a>			
	smg-12 07/10/1994 4 . 4 . 0	<a href="#">get it</a>			
	smg-13 27/01/1995 4 . 5 . 0	<a href="#">get it</a>			
	smg-16 20/10/1995 4 . 6 . 0	<a href="#">get it</a>			
<hr/>					
<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 S.p.A.	
	<i>freeze_meeting:</i> smg-11b				
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino	
	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>			
<hr/>					
<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> smg-11b				
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	BOSWARTHICK, David	
	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>			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 762

04 December 2003 12:03:56

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.81 Line Identification Supplementary Services; Stage 2

Ph2 *current version:* 4.8.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-07 25/06/1993 4 . 1 . 0  
smg-09 01/10/1993 4 . 2 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #19: 4.6.0 #24: 4.7.0 #26:  
4.8.0

smg-10 15/04/1994 4 . 3 . 0  
smg-11 01/07/1994 4 . 4 . 0  
smg-12 07/10/1994 4 . 5 . 0  
smg-19 28/06/1996 4 . 6 . 0  
smg-24 19/12/1997 4 . 7 . 0  
smg-26 26/06/1998 4 . 8 . 0  
Editorial 26/07/1998 4 . 8 . 1

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph2 *current version:* 4.8.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-07 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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #7: 4.5.0 #8: 4.5.1 #10: 4.6.0 #12: 4.7.0 #18: 4.8.0  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

Ph2 *current version:* 4.4.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)

*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-07 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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #7: 4.3.0 #11: 4.3.2 #12: 4.4.0  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 763

04 December 2003 12:03:56

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.84 Multi Party (MPHY) Supplementary Services; Stage 2

Ph2 *current version:* 4.4.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*  
smg-09 21/01/1994 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0  
smg-10 15/04/1994 4 . 3 . 0 [get it](#)  
smg-12 07/10/1994 4 . 4 . 0 [get it](#)  
Editorial 07/11/1994 4 . 4 . 1 [get it](#)

---

## TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

Ph2 *current version:* 4.2.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 1 . 0 [get it](#) *remarks - this release:*  
smg-13 27/01/1995 4 . 2 . 0 [get it](#)  
Editorial 27/02/1995 4 . 2 . 1 [get it](#)

---

## TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #11: 4.5.0 #12: 4.6.0  
smg-09 21/01/1994 4 . 3 . 0 [get it](#)  
smg-10 15/04/1994 4 . 4 . 0 [get it](#)  
smg-11 01/07/1994 4 . 5 . 0 [get it](#)  
smg-12 07/10/1994 4 . 6 . 0 [get it](#)  
Editorial 07/11/1994 4 . 6 . 1 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 764

04 December 2003 12:03:57

ACTIVE specs Ph2 03 .- series  
Server location: [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

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*  
smg-10 15/04/1994 4 . 5 . 0 [get it](#) *remarks - this release:* #7: 4.4.0 #10: 4.5.0 #12: 4.6.0  
smg-12 07/10/1994 4 . 6 . 0 [get it](#)  
Editorial 07/11/1994 4 . 6 . 1 [get it](#)

---

## TS 03.90 Unstructured Supplementary Service Data (USSD)

Ph2 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* CHOTAI, Sunil mmO2 plc  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-08 01/10/1993 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-15 07/07/1995 4 . 1 . 0 [get it](#) *remarks - this release:* #8: 4.0.0 #15: 4.1.0  
Editorial 07/08/1995 4 . 1 . 1 [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)

---

## TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Ph2 *current version:* 4.0.4 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*  
ETSI publication 19/01/1996 4 . 0 . 4 [get it](#) *remarks - this release:* #7: 4.0.1

---

## TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

Ph2 *current version:* 4.0.4 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*  
ETSI publication 19/01/1996 4 . 0 . 4 [get it](#) *remarks - this release:* #7: 4.0.1

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 765

04 December 2003 12:03:57

ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.03</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</b>				
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b			Skov	
		<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 1	<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:</i>	
	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	<i>current version:</i> 4.0.4	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-07 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:</i>	
<hr/>					
<b>TS 04.05</b>	<b>Data Link (DL) Layer General Aspects</b>				
Ph2	<i>current version:</i> 4.0.3	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b			Skov	
		<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-07 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>	
<hr/>					
<b>TS 04.06</b>	<b>Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification</b>				
Ph2	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b			Skov	
		<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 2 . 0	<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-11 01/07/1994 4 . 4 . 0	<a href="#">get it</a>			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 766

04 December 2003 12:03:57

ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects**

Ph2 *current version:* 4.3.1 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
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 access.

# 3GPP specification status

Page 767

04 December 2003 12:03:57

ACTIVE specs Ph2 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

Ph2 *current version:* 4.25.0 WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

*freeze\_meeting:* smg-11b G: yes U: MCC: JORGENSEN, Per Johan

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 5 . 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 Thomasen
smg-08	01/10/1993	4 . 6 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> (even numbered CRs!)
smg-09	21/01/1994	4 . 7 . 0	<a href="#">get it</a>	
smg-10	15/04/1994	4 . 8 . 0	<a href="#">get it</a>	
smg-11	01/07/1994	4 . 9 . 0	<a href="#">get it</a>	
smg-12	07/10/1994	4 . 10 . 0	<a href="#">get it</a>	
smg-14	07/04/1995	4 . 11 . 0	<a href="#">get it</a>	
smg-15	07/07/1995	4 . 12 . 0	<a href="#">get it</a>	
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	09/01/1997	4 . 16 . 1	<a href="#">get it</a>	
smg-20	11/10/1996	4 . 17 . 0	<a href="#">get it</a>	
ETSI publication	12/05/1997	4 . 17 . 1	<a href="#">get it</a>	
smg-21	14/02/1997	4 . 18 . 0	<a href="#">get it</a>	
ETSI PE	15/08/1997	4 . 19 . 1	<a href="#">get it</a>	
ETSI publication	31/12/1997	4 . 19 . 2	<a href="#">get it</a>	
smg-23	17/10/1997	4 . 20 . 1	<a href="#">get it</a>	
smg-24	19/12/1997	4 . 21 . 0	<a href="#">get it</a>	
ETSI publication	26/06/1998	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-28	12/02/1999	4 . 23 . 0	<a href="#">get it</a>	
ETSI publication	05/10/1999	4 . 23 . 1	<a href="#">get it</a>	
NP-18	02/01/2003	4 . 24 . 0	<a href="#">get it</a>	
GP-15	10/07/2003	4 . 25 . 0	<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 768

04 December 2003 12:03:58

ACTIVE specs Ph2 04 .- series  
Server location: [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 Peter MOTOROLA A/S  
*freeze\_meeting:* smg-11b

*G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

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>
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-13	27/01/1995	4 . 9 . 0	<a href="#">get it</a>	
smg-17	02/02/1996	4 . 10 . 0	<a href="#">get it</a>	
Editorial	02/03/1996	4 . 10 . 1	<a href="#">get it</a>	

---

## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

Ph2 *current version:* 4.11.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation  
*freeze\_meeting:* smg-11b

*G:* yes *U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

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>
smg-10	15/04/1994	4 . 5 . 0	<a href="#">get it</a>	
smg-11	01/07/1994	4 . 6 . 0	<a href="#">get it</a>	
smg-12	07/10/1994	4 . 7 . 0	<a href="#">get it</a>	
smg-14	07/04/1995	4 . 8 . 0	<a href="#">get it</a>	
smg-16	20/10/1995	4 . 9 . 0	<a href="#">get it</a>	
smg-17	02/02/1996	4 . 10 . 0	<a href="#">get it</a>	
NP-09	04/10/2000	4 . 11 . 0	<a href="#">get it</a>	

---

## TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-11b

*G:* yes *U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 1 . 1	<a href="#">get it</a>	<i>remarks - general:</i>
smg-10	15/04/1994	4 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #16: 4.6.0
smg-11	01/07/1994	4 . 3 . 0	<a href="#">get it</a>	
smg-12	07/10/1994	4 . 4 . 0	<a href="#">get it</a>	
smg-16	20/10/1995	4 . 6 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 769

04 December 2003 12:03:58

ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.13</b>	<b>Performance Requirements on Mobile Radio Interface</b>									
Ph2	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> PUDNEY, Chris					VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>		<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version, comments):</i>									
	smg-10 15/04/1994 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>					
	smg-14 07/04/1995 4 . 0 . 2			<a href="#">get it</a>	<i>remarks - this release:</i> #10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0					
	smg-15 07/07/1995 4 . 1 . 0			<a href="#">get it</a>						
	smg-16 20/10/1995 4 . 2 . 0			<a href="#">get it</a>						
<hr/>										
<b>TS 04.21</b>	<b>Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface</b>									
Ph2	<i>current version:</i> 4.6.1		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> RÄSÄNEN, Juha					NOKIA Corporation
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version, comments):</i>									
	smg-07 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> #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			<a href="#">get it</a>						
	smg-13 27/01/1995 4 . 5 . 0			<a href="#">get it</a>						
	smg-14 07/04/1995 4 . 6 . 0			<a href="#">get it</a>						
	published version of ETS replacing OAP v	02/03/2000	4 . 6 . 1	<a href="#">get it</a>						
<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 Switching</b>									
Ph2	<i>current version:</i> <b>Centre (BSS - MSC) interface</b>	4.5.1		<i>WG (prime / other):</i> N3		/-		<i>rapporteur:</i> KLEHN, Norbert		SIEMENS AG
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version, comments):</i>									
	smg-07 25/06/1993 4 . 2 . 2			<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-13 27/01/1995 4 . 4 . 0			<a href="#">get it</a>						
	smg-25 20/03/1998 4 . 5 . 0			<a href="#">get it</a>						
	Editorial 20/04/1998 4 . 5 . 1			<a href="#">get it</a>						

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 770

04 December 2003 12:03:59

ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

Ph2 *current version:* 4.11.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 7 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-09	21/01/1994	4 . 9 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
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>	

---

## TS 04.81 Line Identification Supplementary Services; Stage 3

Ph2 *current version:* 4.4.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-07	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 #12: 4.4.0</i>
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>	

---

## TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

Ph2 *current version:* 4.9.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 6 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-11	01/07/1994	4 . 7 . 0	<a href="#">get it</a>	<i>remarks - this release: #7: 4.6.0 #11: 4.7.0 #12: 4.8.0 #17: 4.9.0</i>
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>	

---

## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 4 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-09	21/01/1994	4 . 5 . 0	<a href="#">get it</a>	<i>remarks - this release: #7: 4.4.0 #9: 4.5.0 #17: 4.6.0</i>
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 acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 771

04 December 2003 12:03:59

ACTIVE specs Ph2 04 .- series  
Server location: [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:* smg-11b  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 2 . 0  
smg-09 21/01/1994 4 . 3 . 0  
ETSI Publication 21/02/1994 4 . 3 . 2

*WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #7: 4.2.0 #9: 4.3.0  
[get it](#)

---

## TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

Ph2 *current version:* 4.1.1  
*freeze\_meeting:* smg-11b  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 0 . 0  
smg-18 12/04/1996 4 . 1 . 0  
Editorial 12/05/1996 4 . 1 . 1

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #7: 4.0.0 #18: 4.1.0  
[get it](#)

---

## TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

Ph2 *current version:* 4.5.2  
*freeze\_meeting:* smg-11b  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 2 . 0  
smg-08 01/10/1993 4 . 4 . 0  
smg-11 01/07/1994 4 . 5 . 0  
ETSI Publication 14/03/1995 4 . 5 . 2

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #7: 4.2.0 #8: 4.4.0 #11: 4.5.0  
[get it](#)  
[get it](#)

---

## TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph2 *current version:* 4.7.1  
*freeze\_meeting:* smg-11b  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 6 . 0  
smg-17 02/02/1996 4 . 7 . 0  
Editorial 02/03/1996 4 . 7 . 1

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #7: 4.6.0 #17: 4.7.0  
[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 772

04 December 2003 12:03:59

ACTIVE specs Ph2 04 .- series  
Server location: [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 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-08 01/10/1993 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-12 07/10/1994 4 . 1 . 0 [get it](#) *remarks - this release:* #8: 4.0.0 #12: 4.1.0  
Editorial 07/11/1994 4 . 1 . 1 [get it](#)

Ph2 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.01 Physical Layer on the Radio Path (General Description)

Ph2 *current version:* 4.6.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*  
smg-10 15/04/1994 4 . 3 . 0 [get it](#)  
smg-13 27/01/1995 4 . 4 . 0 [get it](#)  
smg-14 07/04/1995 4 . 5 . 0 [get it](#)  
smg-16 20/10/1995 4 . 6 . 0 [get it](#)

## TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph2 *current version:* 4.11.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 3 . 0 [get it](#) *remarks - general:*  
smg-09 21/01/1994 4 . 4 . 0 [get it](#) *remarks - this release:*  
smg-15 07/07/1995 4 . 5 . 0 [get it](#)  
smg-16 20/10/1995 4 . 6 . 0 [get it](#)  
smg-17 02/02/1996 4 . 7 . 0 [get it](#)  
smg-20 11/10/1996 4 . 8 . 0 [get it](#)  
smg-22 13/06/1997 4 . 9 . 0 [get it](#)  
smg-28 12/02/1999 4 . 10 . 0 [get it](#)  
ETSI Publication 22/07/1999 4 . 10 . 1 [get it](#)  
GP-06 01/10/2001 4 . 11 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 773

04 December 2003 12:04:00

ACTIVE specs Ph2 05 .- series  
Server location: [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>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	smg-07 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>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	smg-07 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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 774

04 December 2003 12:04:00

ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.05 Radio Transmission and Reception

Ph2 *current version:* 4.23.1

*freeze\_meeting:* smg-11b

*history (event, available, version, comments):*

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
ETSI Publication	01/09/2003	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
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 Telefon AB LM Ericsson  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[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 access.

# 3GPP specification status

Page 775

04 December 2003 12:04:00

ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.08 Radio Subsystem Link Control

Ph2 *current version:* 4.22.1

*freeze\_meeting:* smg-11b

*history (event, available, version, comments):*

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:* smg-11b

*history (event, available, version, comments):*

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 access.



# 3GPP specification status

Page 776

04 December 2003 12:04:01

ACTIVE specs Ph2 05 .- series  
Server location: [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:* smg-11b  
*history (event, available, version, comments):*  
smg-18 12/04/1996 4 . 0 . 0

*WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* #18: 4.0.0

---

## TR 05.50 Background for RF Requirements

Ph2 *current version:* 4.2.0  
*freeze\_meeting:* smg-11b  
*history (event, available, version, comments):*  
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 Peter MOTOROLA A/S Skov  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #8: 4.0.0 #13: 4.1.0 #17: 4.2.0  
[get it](#)

---

## TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

Ph2 *current version:* 4.3.0  
*freeze\_meeting:* smg-11b  
*history (event, available, version, comments):*  
smg-07 4 . 1 . 0  
smg-08 4 . 2 . 0  
ETSI publication 15/02/1994 4 . 2 . 1  
smg-15 15/08/1995 4 . 3 . 0

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*  
*remarks - this release:*  
[get it](#)  
[get it](#)

---

Ph2

06 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

## TS 06.01 Full Rate Speech Processing Functions

Ph2 *current version:* 4.0.7  
*freeze\_meeting:* smg-11b  
*history (event, available, version, comments):*  
smg-07 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 S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 777

04 December 2003 12:04:01

ACTIVE specs Ph2 06 .- series  
Server location: [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	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 19/12/1995 4 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i> #13: 4.0.0			
<hr/>						
<b>TS 06.06</b>	<b>Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec</b>					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-16 20/10/1995 4 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i> #13: 4.0.0 #16: 4.0.2 #17: 4.1.0 #23: 4.2.0			
	smg-17 02/02/1996 4 . 1 . 0	<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>				
<hr/>						
<b>TS 06.07</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-20 11/10/1996 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #13: 4.0.0 #20: 4.1.0 #22: 4.2.0			
	smg-22 13/06/1997 4 . 2 . 0	<a href="#">get it</a>				
	Editorial 13/07/1997 4 . 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>					
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-16 20/10/1995 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #16: 4.0.0			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 778

04 December 2003 12:04:01

ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

## TS 06.10 Full Rate Speech Transcoding

Ph2 *current version:* 4.3.0 *WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-23 17/10/1997 4 . 1 . 0 [get it](#) *remarks - this release:*  
smg-32 20/06/2000 4 . 2 . 0 [get it](#)  
Editorial 20/07/2000 4 . 2 . 1 [get it](#)  
Correction of figure 29/06/2001 4 . 3 . 0 [get it](#)  
3.2

---

## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

Ph2 *current version:* 4.0.6 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*  
smg-23 17/10/1997 4 . 0 . 5 [get it](#) *remarks - this release: #7: 4.0.1 #23: 4.0.5*  
ETSI Publication 07/04/1998 4 . 0 . 6 [get it](#)

---

## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

Ph2 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*  
ETSI Publication 13/09/1994 4 . 0 . 4 [get it](#) *remarks - this release: #7: 4.0.1*  
SP-12 29/06/2001 4 . 1 . 0 [get it](#)

---

## TS 06.20 Half Rate Speech Transcoding

Ph2 *current version:* 4.3.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-13 27/01/1995 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-14 07/04/1995 4 . 1 . 0 [get it](#) *remarks - this release: #13: 4.0.0 #14: 4.1.0 #17: 4.3.0*  
smg-17 02/02/1996 4 . 3 . 0 [get it](#)  
ETSI Publication 03/03/1996 4 . 3 . 1 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 779

04 December 2003 12:04:02

ACTIVE specs Ph2 06 .- series  
Server location: [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	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI Publication 19/12/1995 4 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i> #13: 4.0.0		
<hr/>					
<b>TS 06.22</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>				
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-13 27/01/1995 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> #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	<i>current version:</i> 4.0.5	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-07 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:</i> #7: 4.0.1 #23: 4.0.5		
<hr/>					
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>				
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 1	<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> #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 access.

# 3GPP specification status

Page 780

04 December 2003 12:04:02

ACTIVE specs Ph2 06 .- series  
Server location: [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	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-13 27/01/1995 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI Publication 19/02/1995 4 . 0 . 2			<a href="#">get it</a>	<i>remarks - this release:</i> #13: 4.0.0	
<hr/>						
<b>TS 06.42</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-13 27/01/1995 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> #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	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-22 13/06/1997 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI publication 31/12/1997 4 . 0 . 1			<a href="#">get it</a>	<i>remarks - this release:</i> #22: 4.0.0 #32:4.1.0 TSG#10:4.2.0	
	smg-32 28/06/2000 4 . 1 . 0			<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	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-23 17/10/1997 4 . 0 . 1			<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 access.

# 3GPP specification status

Page 781

04 December 2003 12:04:02

ACTIVE specs Ph2 06 .- series  
Server location: [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> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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>		
<hr/>					
<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> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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>	
<hr/>					
<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> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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>		
<hr/>					
<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> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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>	
<hr/>					
<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> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 782

04 December 2003 12:04:03

ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

## TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

Ph2 *current version:* 4.1.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 11/11/1999 4 . 1 . 0 [get it](#) *remarks - this release: #22: 4.0.0 #30: 4.1.0*  
ETSI Publication 09/08/2000 4 . 1 . 1 [get it](#)

---

## TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

Ph2 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
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:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 783

04 December 2003 12:04:03

ACTIVE specs Ph2 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-11b *G:* yes *U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 4 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-09	21/01/1994	4 . 4 . 2	<a href="#">get it</a>	<i>remarks - this release: #7: 4.4.0 #9: 4.4.2 #11: 4.5.0</i>
smg-11	01/07/1994	4 . 5 . 0	<a href="#">get it</a>	
Editorial	01/08/1994	4 . 5 . 1	<a href="#">get it</a>	

---

## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-11b *G:* yes *U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 4 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-09	21/01/1994	4 . 5 . 0	<a href="#">get it</a>	<i>remarks - this release: #7: 4.4.0 #9: 4.5.0</i>
Editorial	21/02/1994	4 . 5 . 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)

Ph2 *current version:* 4.8.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-11b *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

smg-07	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-12	07/10/1994	4 . 4 . 0	<a href="#">get it</a>	
smg-16	20/10/1995	4 . 5 . 0	<a href="#">get it</a>	
smg-17	02/02/1996	4 . 6 . 0	<a href="#">get it</a>	
smg-18	12/04/1996	4 . 7 . 0	<a href="#">get it</a>	
smg-20	11/10/1996	4 . 8 . 0	<a href="#">get it</a>	
Editorial	11/11/1996	4 . 8 . 1	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 784

04 December 2003 12:04:03

ACTIVE specs Ph2 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

Ph2 *current version:* 4.4.1 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
smg-16 20/10/1995 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-18 12/04/1996 4 . 1 . 0 [get it](#) *remarks - this release:*  
smg-24 19/12/1997 4 . 2 . 0 [get it](#)  
smg-25 20/03/1998 4 . 3 . 0 [get it](#)  
smg-27 16/10/1998 4 . 4 . 0 [get it](#)  
Editorial 16/11/1998 4 . 4 . 1 [get it](#)

---

Ph2

08 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

## TS 08.01 General Aspects on the BSS-MSC Interface

Ph2 *current version:* 4.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 13/09/1994 4 . 0 . 3 [get it](#) *remarks - this release:*

---

## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph2 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-10 15/04/1994 4 . 1 . 0 [get it](#) *remarks - this release:*  
smg-13 27/01/1995 4 . 2 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 785

04 December 2003 12:04:03

ACTIVE specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

Ph2 *current version:* 4.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-07 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 Peter MOTOROLA A/S Skov  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
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 Peter MOTOROLA A/S Skov  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
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](#)  
ETSI Publication 01/09/2003 4 . 7 . 1 [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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 786

04 December 2003 12:04:04

ACTIVE specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.20</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>				
Ph2	<i>current version:</i> 4.2.3	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 2 . 1		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-13 27/01/1995 4 . 2 . 3		<a href="#">get it</a>	<i>remarks - this release:</i>	
<hr/>					
<b>TS 08.51</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>				
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 1		<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>	
<hr/>					
<b>TS 08.52</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles</b>				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 1		<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>	
	smg-14 07/04/1995 4 . 2 . 0		<a href="#">get it</a>		
<hr/>					
<b>TS 08.54</b>	<b>BSC-BTS Layer 1; Structure of Physical Circuits</b>				
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</i>				
	smg-07 26/06/1993 4 . 0 . 1		<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>	
<hr/>					
<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>				
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</i>				
	smg-08 01/10/1993 4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI Publication 13/09/1994 4 . 0 . 2		<a href="#">get it</a>	<i>remarks - this release:</i>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 787

04 December 2003 12:04:04

ACTIVE specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

## TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

Ph2 *current version:* 4.9.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-11b Skov

*G:* yes *U:* *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

smg-07	25/06/1993	4	.	3	.	0
smg-08	01/10/1993	4	.	4	.	0
smg-09	21/01/1994	4	.	5	.	0
smg-10	15/04/1994	4	.	6	.	0
smg-13	27/01/1995	4	.	7	.	0
smg-15	07/07/1995	4	.	8	.	0
smg-16	20/10/1995	4	.	9	.	0

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:* #7: 4.3.0 #8: 4.4.0 #9: 4.5.0 #10: 4.6.0 #13: 4.7.0 #15: 4.8.0 #16: 4.9.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

Ph2 *current version:* 4.4.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-11b Skov

*G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-07	25/06/1993	4	.	1	.	0
smg-13	27/01/1995	4	.	2	.	0
smg-22	13/06/1997	4	.	3	.	0
smg-23	17/10/1997	4	.	4	.	0
Editorial	17/11/1997	4	.	4	.	1

[get it](#)

*remarks - general:*

2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.

[get it](#)

*remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

---

## TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels

Ph2 *current version:* 4.0.2 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-11b Skov

*G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-13	27/01/1995	4	.	0	.	0
ETSI Publication	19/01/1996	4	.	0	.	2

[get it](#)

*remarks - general:*

2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.

[get it](#)

*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)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 788

04 December 2003 12:04:04

ACTIVE specs Ph2 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>					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-08 01/10/1993 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-09 21/01/1994 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 09.02</b>	<b>Mobile Application Part (MAP) Specification</b>					
Ph2	<i>current version:</i> 4.19.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 4 . 0	<a href="#">get it</a>	<i>remarks - general:</i> CN->N4 Apr00 (JMM)			
	smg-08 01/10/1993 4 . 5 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	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	<i>current version:</i> <b>Network (PLMN)</b>	4.0.3	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> BOSWARTHICK, David	
ETSI Secretariat						
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-08 01/10/1993 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> N3: "no R99 needed".			
	smg-09 21/01/1994 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> #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 access.

# 3GPP specification status

Page 789

04 December 2003 12:04:05

ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.04</b>	<b>Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)</b>								
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	smg-07 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 #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	<i>current version:</i> 4.4.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	smg-07 25/06/1993 4 . 3 . 0		<a href="#">get it</a>	<i>remarks - general:</i> N3: "no R99 needed".					
	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: 4.4.1					
	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	<i>current version:</i> <b>Switched Data Transmission Services</b>	4.5.0	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> BOSWARTHICK, David				
ETSI Secretariat									
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	smg-07 25/06/1993 4 . 3 . 0		<a href="#">get it</a>	<i>remarks - general:</i> N3: "no R99 needed".					
	smg-09 21/01/1994 4 . 4 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.3.0 #9: 4.4.0 #12: 4.5.0					
	smg-12 07/10/1994 4 . 5 . 0		<a href="#">get it</a>						

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 790

04 December 2003 12:04:05

ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network</b>								
Ph2	<i>current version:</i> (PSTN)	4.13.1	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> smg-11b		<i>G: yes</i>	<i>U:</i>		<i>MCC:</i>	BOSWARTHICK, David		
<i>history (event, available, version, comments):</i>									
	smg-07	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>				
<hr/>									
<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, Rouzbeh Ericsson Incorporated		
<i>freeze_meeting:</i> smg-11b									
			<i>G: yes</i>	<i>U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan		
<i>history (event, available, version, comments):</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>				
<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>								
Ph2	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	4.4.1	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting:</i> smg-11b		<i>G: yes</i>	<i>U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>									
	smg-08	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 access.

# 3GPP specification status

Page 791

04 December 2003 12:04:06

ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

## TS 09.11 Signalling Interworking for Supplementary Services

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 1 . 0	<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> #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #12: 4.4.0 #13: 4.5.0 #19: 4.6.0
smg-09	21/01/1994	4 . 3 . 0	<a href="#">get it</a>	
smg-12	07/10/1994	4 . 4 . 0	<a href="#">get it</a>	
smg-13	27/01/1995	4 . 5 . 0	<a href="#">get it</a>	
smg-19	28/06/1996	4 . 6 . 0	<a href="#">get it</a>	
Editorial	28/07/1996	4 . 6 . 1	<a href="#">get it</a>	

---

## TS 09.12 Application of ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol

Ph2 *current version:* 4.2.2 *WG (prime / other):* SPAN / N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:*

*history (event, available, version, comments):*

smg-17		4 . 0 . 0		<i>remarks - general:</i> EN 300 646
ETSI vote	06/02/1997	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> smg-22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.
ETSI publication	16/05/1997	4 . 1 . 1	<a href="#">get it</a>	
smg-22	13/06/1997	4 . 2 . 1	<a href="#">get it</a>	
ETSI publication	26/05/1999	4 . 2 . 2	<a href="#">get it</a>	

---

## TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

Ph2 *current version:* 4.9.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

smg-15	07/07/1995	4 . 5 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-16 ?	20/10/1995	4 . 6 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-18	12/04/1996	4 . 7 . 0	<a href="#">get it</a>	
smg-19	28/06/1996	4 . 8 . 0	<a href="#">get it</a>	
smg-22	13/06/1997	4 . 9 . 0	<a href="#">get it</a>	

---

## TS 09.91 Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2

Ph2 *current version:* 4.0.1 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

smg-10	15/04/1994	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
Editorial correction	15/05/1994	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> #10: 4.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 792

04 December 2003 12:04:06

ACTIVE specs Ph2 09 .- series  
Server location: [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

Ph2 *current version:* 4.6.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-11b G: yes U: MCC: JORGENSEN, Per Johan

### *history (event, available, version, comments):*

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>	
edito post NP-18	16/12/2002	4	.	6	.	1	<a href="#">get it</a>	minor editorials to change style from TS to TR.

---

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 access.

# 3GPP specification status

Page 793

04 December 2003 12:04:06

ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification**

Ph2 *current version:* 4.29.0 *WG (prime / other):* G3ne / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-11b NP / T2 / SCP

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version, comments):*

smg-16	20/10/1995	4	.	13	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
smg-17	02/02/1996	4	.	14	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	#31b: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases. by Rel-
5 equivalent. 2001-11-19: G4->G5.									
smg-18	12/04/1996	4	.	15	.	0	<a href="#">get it</a>		
smg-19	28/06/1996	4	.	16	.	0	<a href="#">get it</a>		
smg-20	11/10/1996	4	.	17	.	0	<a href="#">get it</a>		
smg-21	14/02/1997	4	.	18	.	0	<a href="#">get it</a>		
smg-22	13/06/1997	4	.	19	.	0	<a href="#">get it</a>		
smg-23	17/10/1997	4	.	20	.	0	<a href="#">get it</a>		
smg-24	19/10/1997	4	.	21	.	0	<a href="#">get it</a>		
smg-25	20/03/1998	4	.	22	.	0	<a href="#">get it</a>		
smg-26	26/06/1998	4	.	23	.	1	<a href="#">get it</a>		
smg-27	16/10/1998	4	.	24	.	0	<a href="#">get it</a>		
smg-28	12/02/1999	4	.	25	.	0	<a href="#">get it</a>		
smg-29	25/06/1999	4	.	26	.	0	<a href="#">get it</a>		
smg-30	11/11/1999	4	.	27	.	0	<a href="#">get it</a>		
smg-31	16/02/2000	4	.	28	.	0	<a href="#">get it</a>		
ETSI Publication	08/09/2000	4	.	28	.	1	<a href="#">get it</a>		
GP-06	06/09/2001	4	.	29	.	0	<a href="#">get it</a>		

---

**TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

Ph2 *current version:* 4.16.0 *WG (prime / other):* G3ne / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-11b NP / T2 / SCP

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version, comments):*

smg-16	20/10/1995	4	.	13	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	2001-11-19: G4->G5.
smg-17	02/02/1996	4	.	14	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	GP-06: Rel-4 serves all releases.
smg-18	12/04/1996	4	.	15	.	0	<a href="#">get it</a>		
GP-06	06/09/2001	4	.	16	.	0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 794

04 December 2003 12:04:07

ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph2 *current version:* 4.21.1 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

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>	
ETSI Publication	01/09/2003	4 . 13 . 1	<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 Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

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 access.

# 3GPP specification status

Page 795

04 December 2003 12:04:07

ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.21</b>	<b>Base Station System (BSS) equipment specification; Radio aspects</b>				
Ph2	<i>current version:</i> 4.14.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-11 01/07/1994 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-12 07/10/1994 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	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	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	<to be defined> 4 . 0 . 0		<i>remarks - general:</i>		
	smg-21 14/02/1997 4 . 1 . 3	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	smg-31b 17/04/2000 4 . 2 . 0	<a href="#">get it</a>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 796

04 December 2003 12:04:07

ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

## TS 11.23 GSM Signalling Aspects Base Station System equipment Specification

Ph2 *current version:* 4.9.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-11	01/07/1994	4	.	0	.	0
smg-15	07/07/1995	4	.	1	.	0
smg-16	20/10/1995	4	.	2	.	0
smg-17	02/02/1996	4	.	3	.	0
smg-18	12/04/1996	4	.	4	.	0
smg-19	28/06/1996	4	.	5	.	0
smg-21	14/02/1997	4	.	6	.	0
smg-22	13/06/1997	4	.	7	.	0
smg-23	17/10/1997	4	.	8	.	0
smg-25	20/03/1998	4	.	9	.	0
Editorial	20/10/1998	4	.	9	.	1

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:* Not progressed to Ph2+ because no regulatory requirement.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 11.24 GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

Ph2 *current version:* 4.3.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-14	07/04/1995	4	.	0	.	0
smg-20	11/10/1996	4	.	1	.	0
smg-25	20/03/1998	4	.	2	.	0
smg-27	16/10/1998	4	.	3	.	0
Editorial correction	16/10/1998	4	.	3	.	1

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:* #14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0

[get it](#)

[get it](#)

[get it](#)

---

## TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

Ph2 *current version:* 4.2.2 *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-15	07/07/1995	4	.	0	.	0
smg-17	02/02/1996	4	.	1	.	0
smg-18	12/04/1996	4	.	2	.	0
smg-20	11/10/1996	4	.	2	.	2

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:*

[get it](#)

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 797

04 December 2003 12:04:08

ACTIVE specs Ph2 12 .- series  
Server location: [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:* smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-08	01/10/1993	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-11	01/07/1994	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-23	17/10/1997	4 . 6 . 0	<a href="#">get it</a>	

---

**TS 12.01 Network Management (NM); Part 2: Common aspects of SM/DCS 1800 Network Management**

Ph2 *current version:* 4.4.1 *WG (prime / other):* S5 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-08	01/10/1993	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-10	15/04/1994	4 . 2 . 0	<a href="#">get it</a>	
smg-11	01/07/1994	4 . 3 . 0	<a href="#">get it</a>	
smg-17	02/02/1996	4 . 4 . 0	<a href="#">get it</a>	
Editorial	02/02/1996	4 . 4 . 1	<a href="#">get it</a>	

---

**TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration**

Ph2 *current version:* 4.6.1 *WG (prime / other):* S5 / S1 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

smg-07	25/06/1993	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-08	01/10/1993	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-09	21/01/1994	4 . 2 . 0	<a href="#">get it</a>	
smg-11	01/07/1994	4 . 3 . 0	<a href="#">get it</a>	
smg-15	07/07/1995	4 . 4 . 0	<a href="#">get it</a>	
smg-16	20/10/1995	4 . 5 . 0	<a href="#">get it</a>	
smg-17	02/02/1996	4 . 6 . 0	<a href="#">get it</a>	
Editorial	02/02/1996	4 . 6 . 1	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 798

04 December 2003 12:04:08

ACTIVE specs Ph2 12 .- series  
Server location: [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	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	smg-11 01/07/1994 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:</i>			
	smg-17 02/02/1996 4 . 2 . 0	<a href="#">get it</a>				
	Editorial 02/02/1996 4 . 2 . 1	<a href="#">get it</a>				

---

<b>TS 12.04</b>	<b>Performance data measurements</b>					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	smg-08 01/10/1993 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-11 01/07/1994 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-13 27/01/1995 4 . 2 . 0	<a href="#">get it</a>				
	smg-17 02/02/1996 4 . 3 . 0	<a href="#">get it</a>				
	Editorial correction 02/02/1996 4 . 3 . 1	<a href="#">get it</a>				

---

<b>TS 12.05</b>	<b>Subscriber Related Call and Event Data</b>					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> ALEXANDER, Benni	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	smg-08 01/10/1993 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-11 01/07/1994 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-15 07/07/1995 4 . 1 . 1	<a href="#">get it</a>				
	smg-17 02/02/1996 4 . 2 . 0	<a href="#">get it</a>				
	smg-22 13/06/1997 4 . 3 . 0	<a href="#">get it</a>				
	Editorial correction 13/06/1997 4 . 3 . 1	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 799

04 December 2003 12:04:09

ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

## TS 12.06 Network Configuration Management and Administration

Ph2 *current version:* 4.1.1 *WG (prime / other):* S5 / NP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

smg-11	01/07/1994	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-12	07/10/1994	4	.	0	.	1	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-17	02/02/1996	4	.	1	.	0	<a href="#">get it</a>	
Editorial correction	02/02/1996	4	.	1	.	1	<a href="#">get it</a>	

---

## TS 12.08 Subscriber and Equipment trace

Ph2 *current version:* 4.6.1 *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

smg-12	07/10/1994	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:</i>
smg-16	20/10/1995	4	.	2	.	0	<a href="#">get it</a>	
smg-18	12/04/1996	4	.	3	.	0	<a href="#">get it</a>	
smg-20	11/10/1996	4	.	4	.	0	<a href="#">get it</a>	
smg-22	13/06/1997	4	.	5	.	0	<a href="#">get it</a>	
smg-23	17/10/1997	4	.	6	.	0	<a href="#">get it</a>	
ETSI publication	30/10/2001	4	.	6	.	1	<a href="#">get it</a>	

---

## TS 12.11 Fault management of the Base Station System (BSS)

Ph2 *current version:* 4.2.1 *WG (prime / other):* S5 / S1 / GP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

smg-26	26/06/1998	4	.	2	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
Editorial correction	26/06/1998	4	.	2	.	1	<a href="#">get it</a>	<i>remarks - this release:</i>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 800

04 December 2003 12:04:09

ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

## TS 12.20 Base Station System (BSS) Management Information

Ph2 *current version:* 4.2.1 *WG (prime / other):* S5 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

smg-09	21/01/1994	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
smg-11	01/07/1994	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> #9: 4.0.0 #11: 4.1.0 #13: 4.1.1 #17: 4.2.0
smg-13	27/01/1995	4	.	1	.	1	<a href="#">get it</a>
smg-17	02/02/1996	4	.	2	.	0	<a href="#">get it</a>
Editorial correction	02/02/1996	4	.	2	.	1	<a href="#">get it</a>

---

## TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-06?		4	.	0	.	0	<i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.
smg-07	25/06/1993	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
smg-08	01/10/1993	4	.	2	.	0	<a href="#">get it</a>
smg-09	21/01/1994	4	.	3	.	0	<a href="#">get it</a>
smg-11	01/07/1994	4	.	4	.	0	<a href="#">get it</a>
smg-13	27/01/1995	4	.	5	.	0	<a href="#">get it</a>
smg-16	20/10/1995	4	.	5	.	2	<a href="#">get it</a>
ETSI publication	28/05/1998	4	.	5	.	4	<a href="#">get it</a>
smg-21		4	.	6	.	0	

---

## TS 12.22 Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)

Ph2 *current version:* 4.1.4 *WG (prime / other):* G1 / S5 *rapporteur:* YUHAN, Albert T-Mobile USA Inc.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version, comments):*

smg-11	01/07/1994	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.
smg-13	27/01/1995	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
PE88	24/07/1995	4	.	1	.	1	<a href="#">get it</a>
smg-16	20/10/1995	4	.	1	.	2	<a href="#">get it</a>
V100	25/03/1996	4	.	1	.	3	<a href="#">get it</a>
ETSI publication	04/09/1996	4	.	1	.	4	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 801

04 December 2003 12:04:09

ACTIVE specs Ph2 12 .- series  
Server location: [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 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian  
*history (event, available, version, comments):*  
smg-10 15/04/1994 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-11 01/07/1994 4 . 1 . 0 [get it](#) *remarks - this release:* #10: 4.0.0 #11: 4.1.0 #15: 4.2.0  
smg-15 07/07/1995 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 *WG (prime / other):* MSG / - *rapporteur:*  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* #14: Ed1 #16: 4.0.0 #17: 4.1.0 #18: 4.2.0 #21: 4.2.1 #22: 4.3.0 #24: 4.4.0 #29: 4.5.0 (was originally 13.01)

---

---

## TS TBR20 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* #14: Ed1 #16: 4.0.0 #17: 4.0.1 Feb97: 4.0.2

---

---

## TS TBR31 General Attachment Requirements for DCS Mobile Stations

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* #17: 4.0.0 May99: 4.1.0 (was originally 13.02)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 802

04 December 2003 12:04:09

ACTIVE specs Ph2 TB .- series  
Server location: [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 *WG (prime / other):* MSG / - *rapporteur:*  
*freeze\_meeting:* smg-11b G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* #17: 4.0.0

---

---

## Ph1-EXT

Ph1-EXT 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.20ext Security-related Network Functions (Ext)

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom  
*freeze\_meeting:* GP Sebastien  
G: yes U: MCC: POPE, Maurice

*history (event, available, version, comments):*  
smg-07 01/09/2003 3 . 0 . 0 addendum to 03.20 v3.3.2 [get it](#) *remarks - general:*  
*remarks - this release:* #7: 3.0.0

---

---

Ph1-EXT 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.08ext Mobile radio interface layer 3 specification, part 1 (Ext)

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* G: yes U: MCC: JORGENSEN, Per Johan

*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 0 extension to 04.08 v3.13.0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 803

04 December 2003 12:04:10

ACTIVE specs Ph1-EXT 04 .- series  
Server location: [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 08.08ext Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification (DCS 1800)**

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* Skov  
G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-07 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 08.58ext Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (Ext)**

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* Skov  
G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 0 based on 08.58 v3.5.0 [get it](#) *remarks - general:*  
*remarks - this release:* #7: 3.0.0

---

## Ph1-DCS

Ph1-DCS 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.06dcs Types of Mobile Stations (MS) - DCS 1800**

Ph1-DCS *current version:* 3.0.0 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc  
*freeze\_meeting:* G: yes U: MCC: CLAYTON, Michael  
*history (event, available, version, comments):*  
01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 804

04 December 2003 12:04:10

ACTIVE specs Ph1-DC 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.11dcs Service accessibility (DCS 1800)

Ph1-DCS *current version:* 3.1.0

*freeze\_meeting:*

*history (event, available, version, comments):*

? 10/05/1994 3 . 0 . 0 illegible  
smg-01 10/05/1994 3 . 0 . 1  
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:*

[get it](#) *remarks - this release:*

[get it](#)

---

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 03.12dcs Location Registration Procedures (DCS 1800)

Ph1-DCS *current version:* 3.0.1

*freeze\_meeting:*

*history (event, available, version, comments):*

ETSI publication 19/08/2003 3 . 0 . 1

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*

*remarks - this release:* .

---

Ph1-DCS 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.08dcs Mobile radio interface layer 3 specification (DCS 1800)

Ph1-DCS *current version:* 3.1.0

*freeze\_meeting:*

*history (event, available, version, comments):*

ETSI publication 01/01/1995 3 . 1 . 0 extension to 04.08 v3.13.0

*WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd

*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*

*remarks - this release:* .

---

Ph1-DCS 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 805

04 December 2003 12:04:10

ACTIVE specs Ph1-DC 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.01dcs Physical Layer on the Radio Path (General Description) (DCS 1800)

Ph1-DCS *current version:* 3.0.0

*freeze\_meeting:*

*history (event, available, version, comments):*

ETSI publication 01/01/1995 3 . 0 . 0 based on 05.01 v3.3.2

*WG (prime / other):* G1 / -

G: yes U:

*rapporteur:* JOKINEN, Harri

*MCC:* USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) *remarks - general:*

*remarks - this release:* .

---

## TS 05.05dcs Radio Transmission and Reception (DCS 1800)

Ph1-DCS *current version:* 3.3.0

*freeze\_meeting:*

*history (event, available, version, comments):*

smg-07 3 . 2 . 0

smg-08 01/01/1995 3 . 3 . 0 based on 05.05 v3.16.0

*WG (prime / other):* G1 / -

G: yes U:

*rapporteur:* SAMUELSSON, Mats

*MCC:* USAI, Paolino

Telefon AB LM Ericsson

[get it](#) *remarks - general:*

*remarks - this release:*

---

## TS 05.08dcs Radio Subsystem Link Control (DCS 1800)

Ph1-DCS *current version:* 3.0.0

*freeze\_meeting:*

*history (event, available, version, comments):*

ETSI publication 01/01/1995 3 . 0 . 0

*WG (prime / other):* G1 / -

G: yes U:

*rapporteur:* EL-SAIGH, Amer

*MCC:* USAI, Paolino

VODAFONE Group Plc

[get it](#) *remarks - general:*

*remarks - this release:* .

---

Ph1-DCS 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

## TS 08.58dcs Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (DCS 1800)

Ph1-DCS *current version:* 3.0.0

*freeze\_meeting:*

*history (event, available, version, comments):*

ETSI publication 01/01/1995 3 . 0 . 0 based on 08.58 v3.5.0

*WG (prime / other):* G2 / -

G: yes U:

*rapporteur:* ANDERSEN, Niels Peter

*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 access.

# 3GPP specification status

Page 806

04 December 2003 12:04:10

ACTIVE specs Ph1-DC 09 .- series  
Server location: [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 09.02dcs Mobile Application Part (MAP) Specification (DCS 1800)**

Ph1-DCS *current version:* 3.0.0

*freeze\_meeting:*

*history (event, available, version, comments):*

ETSI publication 03/03/1993 3 . 0 . 0 based on 09.02 v3.8.0

*WG (prime / other):* N4 / -

*G: yes U:*

*rapporteur:* WIEHE, Ulrich

*MCC:*

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) *remarks - general:*

*remarks - this release:*

---

**TS 09.10dcs Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling**

Ph1-DCS *current version:* **Procedures and the Mobile Application Part (MAP) (DCS 1800)**

3.0.0 *WG (prime / other):* N4

/-

*rapporteur:*

KYMALAINEN, Kimmo

TeliaSonera AB

*freeze\_meeting:*

*G: yes U:*

*MCC:*

KYMALAINEN, Kimmo

*history (event, available, version, comments):*

ETSI publication 01/01/1995 3 . 0 . 0

[get it](#) *remarks - general:*

*remarks - this release:* .

---

Ph1-DCS **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 807

04 December 2003 12:04:10

ACTIVE specs Ph1-DC 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

## TS 11.10dcs Mobile Station Conformity Specification (DCS 1800)

Ph1-DCS *current version:* 3.23.1

*freeze\_meeting:*

*WG (prime / other):* G3ne / S1 / *rapporteur:* LEGRAND, Walter EADS TELECOM

G3ne  
w /  
NP /  
T2 /  
SCP

*G:* yes *U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

smg-02		3	.	2	.	0	
smg-03		3	.	3	.	0	
smg-04bis		3	.	4	.	0	
smg-05		3	.	5	.	0	
smg-06	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	based on 11.10 v3.19.0
smg-13	07/06/1996	3	.	13	.	0	
ETSI publication	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](#)

[get it](#)

---

## TS 11.11dcs Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface (DCS 1800)

Ph1-DCS *current version:* 3.3.4

*freeze\_meeting:*

*WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.

*G:* yes *U:* *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

smg-02		3	.	2	.	0	
smg-04		3	.	3	.	0	
smg-08		3	.	3	.	1	
smg-09		3	.	3	.	2	
smg-11		3	.	3	.	3	
smg-12	21/02/1994	3	.	3	.	4	

*remarks - general:*

*remarks - this release:*

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 808

04 December 2003 12:04:11

ACTIVE specs Ph1-DC 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

## TS 11.20dcs GSM DCS 1800 Base Station Specification

Ph1-DCS *current version:* 3.13.0

*freeze\_meeting:*

*history (event, available, version, comments):*

smg-01	3 . 1 . 0
smg-02	3 . 2 . 0
smg-03	3 . 3 . 0
smg-04	3 . 4 . 0
smg-05	3 . 5 . 0
smg-06	3 . 6 . 0
smg-07	3 . 7 . 0
smg-08	3 . 8 . 0
smg-09	3 . 9 . 0
smg-10	3 . 10 . 0
smg-11	3 . 11 . 0
smg-12	3 . 12 . 0
smg-17 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 11.40dcs DCS 1800 System Simulator conformity specification

Ph1-DCS *current version:* 3.3.0

*freeze\_meeting:*

*history (event, available, version, comments):*

smg-04	3 . 2 . 0
smg-11 13/11/1995	3 . 3 . 0

*WG (prime / other):* G3ne / - *rapporteur:*  
*G: yes U:* MCC: CLAYTON, Michael

*remarks - general:*  
*remarks - this release:* #4: 3.2.0 #11: 3.3.0

[get it](#)

---

# Ph1

Ph1

01 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 809

04 December 2003 12:04:11

ACTIVE specs Ph1 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

**TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system**  
Ph1 *current version:* 3.1.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-20 25/06/2003 3 . 0 . 0 Created from 41.103. [get it](#) *remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for  
SP-21 26/09/2003 3 . 1 . 0 [get it](#) *remarks - this release:* . backwards extension to earlier releases.

---

**TR 01.04 Abbreviations and acronyms**  
Ph1 *current version:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* gsm-25b G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
gsm-29 2 . 0 . 3 *remarks - general:*  
smg-12 07/10/1994 3 . 0 . 0 [get it](#) *remarks - this release:* .  
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#)

---

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 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* gsm-25b G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-18 10/04/1996 3 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - this release:* .  
PT12 release 15/02/1992 3 . 2 . 0 [get it](#)

---

**TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)**  
Ph1 *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*freeze\_meeting:* gsm-25b G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
CEPT GSM doc 15/01/1990 3 . 1 . 1 [get it](#) *remarks - general:*  
CEPT GSM doc 15/07/1991 3 . 2 . 0 [get it](#) *remarks - this release:* .

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 810

04 December 2003 12:04:11

ACTIVE specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.03</b>	<b>Teleservices Supported by a GSM Public Land Mobile Network (PLMN)</b>					
Ph1	<i>current version:</i> 3.4.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CONRAD, Alan	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	CEPT GSM doc 03/01/1991 3 . 4 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	edito 22/07/1998 3 . 4 . 1			<a href="#">get it</a>	<i>remarks - this release:</i>	.
<hr/>						
<b>TS 02.04</b>	<b>General on Supplementary Services</b>					
Ph1	<i>current version:</i> 3.7.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	- 24/07/1998 3 . 7 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	CEPT GSM doc 03/01/1991 3 . 7 . 1			<a href="#">get it</a>	<i>remarks - this release:</i>	.
<hr/>						
<b>TS 02.06</b>	<b>Types of Mobile Stations (MS)</b>					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	JEAL, David	VODAFONE Group Plc
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	31/08/2001 3 . 1 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI publication 01/01/1995 3 . 2 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	.
<hr/>						
<b>TS 02.07</b>	<b>Mobile Station (MS) Features</b>					
Ph1	<i>current version:</i> 3.4.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	JEAL, David	VODAFONE Group Plc
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	- 10/05/1994 3 . 3 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	- 10/05/1994 3 . 4 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	.
	ETSI publication 01/01/1995 3 . 4 . 1			<a href="#">get it</a>		
<hr/>						
<b>TS 02.09</b>	<b>Security aspects</b>					
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i>	S3 / S1 / NP	<i>rapporteur:</i>	CHRISTOFFERSSON, Per	Telia Promotor AB
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 1 . 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 access.

# 3GPP specification status

Page 811

04 December 2003 12:04:12

ACTIVE specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.11</b>	<b>Service Accessibility</b>					
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	gsm-29 30/08/2001 3 . 5 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
	smg-01 30/08/2001 3 . 6 . 0					<i>remarks - this release:</i>
	ETSI publication 01/01/1995 3 . 7 . 0				<a href="#">get it</a>	
<hr/>						
<b>TS 02.16</b>	<b>International Mobile Station Equipment Identities (IMEI)</b>					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 1				<a href="#">get it</a>	<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	.. 30/08/2001 3 . 1 . 2				<a href="#">get it</a>	<i>remarks - general:</i>
	ETSI publication 01/01/1995 3 . 2 . 0				<a href="#">get it</a>	<i>remarks - this release:</i> .
<hr/>						
<b>TS 02.20</b>	<b>Collection charges</b>					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	06/05/1992: 09/10/1997 3 . 0 . 1				<a href="#">get it</a>	<i>remarks - general:</i>
						<i>remarks - this release:</i>
<hr/>						
<b>TS 02.30</b>	<b>Man-machine Interface (MMI) of the Mobile Station (MS)</b>					
Ph1	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 9 . 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 access.

# 3GPP specification status

Page 812

04 December 2003 12:04:12

ACTIVE specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.40</b>	<b>Procedures for Call Progress Indications</b>					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 2 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 02.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>					
Ph1	<i>current version:</i> 3.6.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne			France Telecom
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 6 . 1	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 02.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 1</b>					
Ph1	<i>current version:</i> 3.6.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan			T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 6 . 1	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

---

---

Ph1 03 .- series Server location: [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>					
Ph1	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola			COMVIQ GSM AB
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 1 . 1	<a href="#">get it</a>	<i>remarks - general:</i> SMG3->SA2 @ TSG#7			
			<i>remarks - this release:</i> .			

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 813

04 December 2003 12:04:12

ACTIVE specs Ph1 03 .- series  
Server location: [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>WG (prime / other):</i> S2 / NP /	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM	
	<i>freeze_meeting:</i> gsm-25b		T2			
	<i>history (event, available, version, comments):</i>		G: yes U:	MCC:	YOON, Sang-Ui	
	ETSI publication 01/01/1995 3 . 1 . 4		<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>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD	
	<i>freeze_meeting:</i> gsm-25b		G: yes U:	MCC:	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>		<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI publication 01/01/1995 3 . 6 . 0			<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>WG (prime / other):</i> N4 / SPAN	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> gsm-25b		/ T2			
	<i>history (event, available, version, comments):</i>		G: yes U:	MCC:	KYMALAINEN, Kimmo	
	ETSI publication 01/01/1995 3 . 1 . 0		<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>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> gsm-25b		G: yes U:	MCC:	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</i>		<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI publication 01/01/1995 3 . 2 . 0			<i>remarks - this release:</i>		
<hr/>						
<b>TS 03.07</b>	<b>Restoration Procedures</b>					
Ph1	<i>current version:</i> 3.2.1		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> gsm-25b		G: yes U:	MCC:	Chalmers KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>		<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI publication 01/01/1995 3 . 2 . 1			<i>remarks - this release:</i>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 814

04 December 2003 12:04:12

ACTIVE specs Ph1 03 .- series  
Server location: [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>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC:	JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC:	BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>					
	gsm4 06/05/2003 2 . 0 . 0 Jan 1988	<a href="#">get it</a>	<i>remarks - general:</i>			
	gsm4 06/05/2003 3 . 0 . 0 Feb 1988	<a href="#">get it</a>	<i>remarks - this release:</i>			
	gsm4 06/05/2003 3 . 1 . 0 Jul 1988	<a href="#">get it</a>				
	gsm4 06/05/2003 3 . 2 . 0 Nov 1988	<a href="#">get it</a>				
	ETSI publication 01/01/1995 3 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 03.11</b>	<b>Technical Realization of Supplementary Services - General Aspects</b>					
Ph1	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>					
	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 access.

# 3GPP specification status

Page 815

04 December 2003 12:04:13

ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph1 *current version:* 3.0.2  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 2

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

Ph1 *current version:* 3.0.2  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 2

*WG (prime / other):* N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 03.20 Security-related Network Functions

Ph1 *current version:* 3.3.2  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 0  
ETSI publication 01/01/1995 3 . 3 . 2

*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:* .

---

## TS 03.40 Technical realization of the Short Message Service (SMS)

Ph1 *current version:* 3.7.0  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
gsm4 06/05/2003 2 . 1 . 0 Sep 1988  
gsm4 06/05/2003 2 . 1 . 1 Nov 1988  
gsm4 06/05/2003 3 . 0 . 0 Apr 1989  
gsm4 06/05/2003 3 . 4 . 0 Jan 1990  
gsm4 06/05/2003 3 . 4 . 1 Oct 1990  
gsm4 06/05/2003 3 . 5 . 0 Feb 1992  
smg-08 05/09/1997 3 . 6 . 0  
smg-09 01/01/1995 3 . 7 . 0

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*G: yes U:* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 816

04 December 2003 12:04:13

ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

Ph1 *current version:* 3.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

gsm4	06/05/2003	1 . 1 . 1	Sep 1988	<a href="#">get it</a>	<i>remarks - general:</i>
gsm4	06/05/2003	1 . 2 . 1	Nov 1988	<a href="#">get it</a>	<i>remarks - this release:</i> .
gsm4	06/05/2003	2 . 0 . 0	Jan 1988 - rejected GSM-17b	<a href="#">get it</a>	
gsm4	06/05/2003	3 . 2 . 0	Jan 1990	<a href="#">get it</a>	
gsm4	06/05/2003	3 . 2 . 1	Oct 1990	<a href="#">get it</a>	
gsm4	06/05/2003	3 . 3 . 0	Jan 1991	<a href="#">get it</a>	
ETSI publication	01/01/1995	3 . 4 . 0		<a href="#">get it</a>	

---

## TR 03.43 Support of Videotex

Ph1 *current version:* 3.0.1 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

gsm4	06/05/2003	1 . 0 . 1	Jun 1988	<a href="#">get it</a>	<i>remarks - general:</i>
ETSI publication	01/01/1995	3 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i> .

---

## TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.0.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

gsm4	06/05/2003	1 . 0 . 0	Sep 1988	<a href="#">get it</a>	<i>remarks - general:</i>
gsm4	06/05/2003	1 . 1 . 0	Nov 1988	<a href="#">get it</a>	<i>remarks - this release:</i> .
gsm4	06/05/2003	2 . 0 . 0		<a href="#">get it</a>	
ETSI publication	01/01/1995	3 . 0 . 1		<a href="#">get it</a>	

---

## TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

Ph1 *current version:* 3.3.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

gsm	06/05/2003	1 . 0 . 0	Sep 1988	<a href="#">get it</a>	<i>remarks - general:</i>
gsm	06/05/2003	2 . 0 . 0	Jan 1989	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-05		3 . 2 . 0			
ETSI publication	01/01/1995	3 . 3 . 0	exists in PDF only	<a href="#">get it</a>	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 817

04 December 2003 12:04:13

ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

Ph1 *current version:* 3.2.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 2 . 1 [get it](#) *remarks - general:*  
*remarks - this release:*

---

## TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

Ph1 *current version:* 3.0.1 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* DIETZE, Claus  
*history (event, available, version, comments):*  
09/10/1997 3 . 0 . 1 [get it](#) *remarks - general:* SMG9->T3@#31  
*remarks - this release:* .

---

## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

Ph1 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 4 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #4: 3.2.2 #8: 3.3.0 #11: 3.4.0

---

## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

Ph1 *current version:* 3.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
gsm4 06/05/2003 1 . 0 . 0 Jul 1988 [get it](#) *remarks - general:* N3: "no R99 needed".  
gsm4 06/05/2003 2 . 0 . 0 Sep 1988 [get it](#) *remarks - this release:* .  
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#)

---

## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph1 *current version:* 3.2.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 2 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 818

04 December 2003 12:04:14

ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph1 *current version:* 3.2.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 2 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

Ph1 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

Ph1 *current version:* 3.0.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* Skov  
JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
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 Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* Skov  
JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
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 Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* Skov  
THOMASEN, Gert  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 3 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 819

04 December 2003 12:04:14

ACTIVE specs Ph1 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.04</b>	<b>Layer 1 - General Requirements</b>					
Ph1	<i>current version:</i> 3.3.4	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC:	THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995				0 . 0 . 0	remarks - general:
					3 . 3 . 4	remarks - this release: .
						<a href="#">get it</a>
<hr/>						
<b>TS 04.05</b>	<b>Data Link (DL) Layer General Aspects</b>					
Ph1	<i>current version:</i> 3.1.5	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC:	THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995				3 . 1 . 5	remarks - general:
						remarks - this release: .
						<a href="#">get it</a>
<hr/>						
<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 Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC:	THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995				3 . 9 . 0	remarks - general:
						remarks - this release: .
						<a href="#">get it</a>
<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> gsm-25b	G: yes U:	MCC:	JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995				3 . 3 . 3	remarks - general:
						remarks - this release: .
						<a href="#">get it</a>
<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> gsm-25b	G: yes U:	MCC:	JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995				3 . 13 . 0	remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomassen
	ETSI publication 15/09/1997				3 . 14 . 0	remarks - this release: . (even numbered CRs!)
						<a href="#">get it</a>
						<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 820

04 December 2003 12:04:14

ACTIVE specs Ph1 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.10</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 Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> gsm-25b		Skov						
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	ETSI publication 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> gsm-25b		<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version, comments):</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						
<hr/>									
<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>								
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> gsm-25b		Skov						
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert						
	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 04.21</b>	<b>Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface</b>								
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation					
	<i>freeze_meeting:</i> gsm-25b	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	gsm4 06/05/2003 2 . 0 . 0 Feb 1988	<a href="#">get it</a>	<i>remarks - general:</i>						
	gsm4 06/05/2003 3 . 0 . 0 Feb 1988	<a href="#">get it</a>	<i>remarks - this release:</i> .						
	gsm4 06/05/2003 3 . 1 . 0 Jun 1988	<a href="#">get it</a>							
	ETSI publication 01/01/1995 3 . 4 . 0	<a href="#">get it</a>							
<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 Switching</b>								
Ph1	<i>current version:</i> Centre (BSS - MSC) interface	3.7.0	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> KLEHN, Norbert				
SIEMENS AG									
	<i>freeze_meeting:</i> gsm-25b	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	ETSI publication 01/01/1995 3 . 7 . 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 access.

# 3GPP specification status

Page 821

04 December 2003 12:04:14

ACTIVE specs Ph1 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding**

Ph1 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 2 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3**

Ph1 *current version:* 3.1.3 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 1 . 3 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 04.88 Call Barring (CB) Supplementary Services; Stage 3**

Ph1 *current version:* 3.1.3 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 1 . 3 [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 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 3 . 2 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 822

04 December 2003 12:04:15

ACTIVE specs Ph1 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

**TS 05.02 Multiplexing and Multiple Access on the Radio Path**

Ph1 *current version:* 3.8.0  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
smg-15 3 . 7 . 0  
smg-16 01/01/1995 3 . 8 . 0

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 05.03 Channel coding**

Ph1 *current version:* 3.6.1  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 6 . 1

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*  
*remarks - this release:* #12: 3.6.1

---

**TS 05.04 Modulation**

Ph1 *current version:* 3.1.2  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 1 . 2

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 05.05 Radio Transmission and Reception**

Ph1 *current version:* 3.16.0  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
smg-04 3 . 14 . 0  
smg-06b 3 . 15 . 0  
ETSI publication 01/01/1995 3 . 16 . 0

*WG (prime / other):* G1 / - *rapporteur:* SAMUELSSON, Mats  
*G: yes U:* MCC: USAI, Paolino

Telefon AB LM Ericsson

[get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 05.08 Radio Subsystem Link Control**

Ph1 *current version:* 3.8.0  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 8 . 0

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer  
*G: yes U:* MCC: USAI, Paolino

VODAFONE Group Plc

[get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 823

04 December 2003 12:04:15

ACTIVE specs Ph1 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

**TS 05.10 Radio subsystem synchronization**  
Ph1 *current version:* 3.5.1  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
smg-04 01/01/1995 3 . 5 . 1

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:*

---

Ph1 **06** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

**TS 06.01 Full Rate Speech Processing Functions**  
Ph1 *current version:* 3.0.0  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

---

**TS 06.10 Full Rate Speech Transcoding**  
Ph1 *current version:* 3.2.0  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 2 . 0

*WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

---

**TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels**  
Ph1 *current version:* 3.0.1  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 1

*WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 824

04 December 2003 12:04:15

ACTIVE specs Ph1 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

Ph1 *current version:* 3.0.1 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

Ph1 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 1 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 06.32 Voice Activity Detection (VAD)

Ph1 *current version:* 3.0.0 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino One  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

Ph1 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

## TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Ph1 *current version:* 3.14.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
gsm-20 3 . 2 . 0 *remarks - general:*  
ETSI publication 01/01/1995 3 . 14 . 0 [get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 825

04 December 2003 12:04:15

ACTIVE specs Ph1 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph1 *current version:* 3.8.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 8 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #2: 3.8.0

---

## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

Ph1 *current version:* 3.4.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 4 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #5: 3.4.0

---

Ph1 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

## TS 08.01 General Aspects on the BSS-MSC Interface

Ph1 *current version:* 3.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph1 *current version:* 3.3.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 3 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 826

04 December 2003 12:04:15

ACTIVE specs Ph1 08 .- series  
Server location: [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

Ph1 *current version:* 3.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

ETSI publication 01/01/1995 3 . 0 . 3

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

Ph1 *current version:* 3.5.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

ETSI publication 01/01/1995 3 . 5 . 2

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

Ph1 *current version:* 3.10.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

ETSI publication 01/01/1995 3 . 0 . 0

ETSI publication 01/01/1995 3 . 10 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .

---

## TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

Ph1 *current version:* 3.1.2 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* gsm-25b G: yes U: *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

ETSI publication 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 Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version, comments):*

ETSI publication 01/01/1995 3 . 0 . 2

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 827

04 December 2003 12:04:16

ACTIVE specs Ph1 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.52 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles**  
Ph1 *current version:* 3.0.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
ETSI publication 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 Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 08.56 BSC-BTS Layer 2; Specification**  
Ph1 *current version:* 3.1.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 1 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 08.58 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification**  
Ph1 *current version:* 3.6.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*  
smg-10 01/01/1995 3 . 6 . 0 [get it](#) *remarks - this release:* #10: 3.6.0

---

**TS 08.59 BSC-BTS O&M Signalling Transport**  
Ph1 *current version:* 3.1.0 *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 1 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 828

04 December 2003 12:04:16

ACTIVE specs Ph1 08 .- series  
Server location: [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**  
Ph1 *current version:* 3.3.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 3 . 1 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
*remarks - this release:* .

---

Ph1 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

**TR 09.01 General Network Interworking Scenarios**  
Ph1 *current version:* 3.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

---

**TS 09.02 Mobile Application Part (MAP) Specification**  
Ph1 *current version:* 3.11.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)  
ETSI publication 11/02/1991 3 . 8 . 0 [get it](#) *remarks - this release:*  
smg-10 14/06/1994 3 . 9 . 0 [get it](#)  
14/10/1994 3 . 10 . 0 [get it](#)  
ETSI publication 01/01/1995 3 . 11 . 0 [get it](#)

---

---

**TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile**  
Ph1 *current version:* Network (PLMN) 3.0.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David  
ETSI Secretariat *G: yes U:* *MCC:* BOSWARTHICK, David  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:* N3: "no R99 needed".  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 829

04 December 2003 12:04:16

ACTIVE specs Ph1 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.04</b>	<b>Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)</b>								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	ETSI publication 01/01/1995 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> N3: "no R99 needed".						
			<i>remarks - this release:</i> .						
<hr/>									
<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>								
Ph1	<i>current version:</i> 3.2.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	ETSI publication 01/01/1995 3 . 2 . 2	<a href="#">get it</a>	<i>remarks - general:</i> N3: "no R99 needed".						
			<i>remarks - this release:</i> .						
<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 Network</b>								
Ph1	<i>current version:</i> (PSTN)	3.10.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert					
	SIEMENS AG								
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	ETSI publication 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 09.10</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>rapporteur:</i> KYMALAINEN, Kimmo					
	TeliaSonera AB								
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	ETSI publication 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>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	ETSI publication 01/01/1995 3 . 0 . 1	<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 access.

# 3GPP specification status

Page 830

04 December 2003 12:04:16

ACTIVE specs Ph1 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

Ph1 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10 Mobile Station Conformity Specification

Ph1  
current version: 3.23.1  
freeze\_meeting: gsm-25b

WG (prime / other): G3ne / S1 / rapporteur: LEGRAND, Walter EADS TELECOM

G3ne  
w /  
NP /  
T2 /  
SCP

G: yes U: MCC: CLAYTON, Michael

### history (event, available, version, comments):

First complete draft	01/01/1992	1 . 0 . 0
gsm-27		3 . 1 . 0
gsm-28		3 . 2 . 0
gsm-29		3 . 3 . 0
gsm-30		3 . 4 . 0
gsm-31		3 . 5 . 0
gsm-32		3 . 6 . 0
smg-01		3 . 7 . 0
smg-02		3 . 8 . 0
smg-03		3 . 9 . 0
smg-04bis		3 . 10 . 0
smg-05		3 . 11 . 0
smg-06		3 . 12 . 0
smg-07		3 . 13 . 0
smg-08 ?	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:

[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 access.

# 3GPP specification status

Page 831

04 December 2003 12:04:17

ACTIVE specs Ph1 11 .- series  
Server location: [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**  
Ph1 *current version:* 3.16.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* DIETZE, Claus  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 3 . 3 [get it](#) *remarks - general:*  
ETSI publication 01/01/1995 3 . 16 . 0 [get it](#) *remarks - this release:*

---

**TS 11.30 Mobile Services Switching Centre**  
Ph1 *current version:* 3.2.1 *WG (prime / other):* GP / - *rapporteur:* VACANT,  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 2 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 11.31 Home Location Register Specification**  
Ph1 *current version:* 3.2.1 *WG (prime / other):* GP / - *rapporteur:*  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 2 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 11.32 Visitor Location Register Specification**  
Ph1 *current version:* 3.2.1 *WG (prime / other):* GP / - *rapporteur:*  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
ETSI publication 01/01/1995 3 . 2 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 11.40 GSM System Simulator specification**  
Ph1 *current version:* 3.7.0 *WG (prime / other):* G3ne / - *rapporteur:*  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
ETSI publication 01/01/1996 3 . 3 . 0 [get it](#) *remarks - general:*  
smg-02 3 . 6 . 0 *remarks - this release:* #2: 3.6.0 #11: 3.7.0  
smg-11 01/01/1996 3 . 7 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 832

04 December 2003 12:04:17

ACTIVE specs Ph1 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

Ph1 **12** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

**TS 12.10 Maintenance Provisions for Operational Integrity of MSs**

Ph1 *current version:* none  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*

*WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael  
*G:* yes *U:* yes *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

*remarks - general:*  
*remarks - this release:* .

---

**TS 12.13 Maintenance of the Mobile-services Switching Centre**

Ph1 *current version:* none  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*

*WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael  
*G:* yes *U:* *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

*remarks - general:*  
*remarks - this release:* .

---

**TS 12.14 Maintenance of Location Registers**

Ph1 *current version:* none  
*freeze\_meeting:* gsm-25b  
*history (event, available, version, comments):*

*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:* gsm-25b  
*history (event, available, version, comments):*

*WG (prime / other):* MSG / - *rapporteur:* FREEMAN, David MOTOROLA  
*G:* yes *U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:* #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 833

04 December 2003 12:04:17

ACTIVE specs 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 9 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph1 *current version:* none *WG (prime / other):* MSG / - *rapporteur:* FREEMAN, David MOTOROLA  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2

---

---

## 22 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

### TS 22.167 (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 1)

*current version:* none *WG (prime / other):* S1 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* *G: U: yes MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:*

---

---

## 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

### TS 23.167 (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 2)

*current version:* none *WG (prime / other):* S2 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* *G: U: yes MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:*

---

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 834

04 December 2003 12:04:17

ACTIVE specs 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

---

---

## WITHDR 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)

---

<b>TR 34.801</b>	<b>(reserved for T1 RF group)</b>				
<?>	current version: none	WG (prime / other): T1 /	rapporteur: N, A		Indicate persons who left Company and wait for new One
	freeze_meeting:	G: U: yes	MCC: SULTAN, Alain		
<i>history (event, available, version, comments):</i>					
			remarks - general: 2002-09-16: -> 34.901.		
			remarks - this release: .		

---

---

## Rel-7

Rel-7

25 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TR 25.997</b>	<b>(provisionally reserved for: Remote control of electrical tilting antennas) - TP-20: number not used, became 25.802.</b>				
Rel-7	current version: none	WG (prime / other): R3 / -	rapporteur: HAUSER, Andreas	Vodafone D2 GmbH	
	freeze_meeting:	G: U: yes	MCC: KRAUSE, Joern		
<i>history (event, available, version, comments):</i>					
			remarks - general: RP-19: WI = RP-030193. 2003-04-14: WG Sec reports that this may need to be a		
			remarks - this release: RP-19: Completion target: RP-22. Thus assume service will be implemented in Rel-7.		
			xx.8xx number instead. RP-20: confirmed, so this one stopped		

---

---

## Rel-6

Rel-6 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)**TS 21.104 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (Rel-6)**Rel-6 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-16 *G:* *U:* yes *MCC:* POPE, Maurice*history (event, available, version, comments):**remarks - general:* 2003-05: Title changed from "3rd Generation mobile system Release 6  
*remarks - this release:* SP-20: Superseded by 21.101 Rel-4. specifications". SP-20: Superseded by 21.101

Rel-4.

Rel-6 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)**TS 22.234 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 1**Rel-6 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* *G:* *U:* yes *MCC:* CLAYTON, Michael One*history (event, available, version, comments):**remarks - general:* 2003-10-31: Spec number formally allocated  
*remarks - this release:* .**TR 22.976 Study on PS domain services and capabilities**Rel-6 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*freeze\_meeting:* *G:* *U:* yes *MCC:* CLAYTON, Michael*history (event, available, version, comments):*SP-08 28/06/2000 2 . 0 . 0 SP-19: txverred from Rel-5 [get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.  
*remarks - this release:* 2003-04-07 Clayton: scrapped.Rel-6 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

# 3GPP specification status

Page 837

04 December 2003 12:04:18

WITHDRAWN specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.195</b>	<b>Provision of User Equipment Specific Behaviour Information (UESBI) to network entities</b>					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> Created as a result of 23.895.			
			<i>remarks - this release:</i> SP-20: is in fact a Rel-5 doc.			
<hr/>						
<b>TS 23.340</b>	<b>(reserved for: " IP Multimedia Subsystem (IMS) messaging; Stage 2")</b>					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TR 23.876</b>	<b>Push architecture</b>					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> YOON, Sang-Ui	KT Freetel Co., Ltd.		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> 2003-02-04: -> 23.976			
	S2-29 0 . 0 . 0		<i>remarks - this release:</i> 2003-02-04: -> 23.976			
	S2-29 03/02/2003 0 . 0 . 1 2003-02-04: -> 23.976	<a href="#">get it</a>				
	S2-31 0 . 1 . 0					
	S2-32 0 . 2 . 0					
	S2-33 0 . 3 . 0					
	S2-34 0 . 4 . 0					
	S2-35 06/11/2003 0 . 5 . 0	<a href="#">get it</a>				
<hr/>						
<b>TR 23.878</b>	<b>Impacts of speech-enabled services on IMS, PS and CS domains</b>					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> XUAN, Qing	VODAFONE Group Plc		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> SP-31: WI = SP-030539 2003-10-13: Turns out to be same document as 23.877.			
			<i>remarks - this release:</i> 2003-10-13: Turns out to be same document as 23.877.			

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 838

04 December 2003 12:04:18

WITHDRAWN specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TR 23.964 Commonality and interoperability between IP Multimedia System (IMS) core networks

Rel-6 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* BERTENYI, Balazs NOKIA Corporation  
*freeze\_meeting:* G: U: yes *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
S2-29 03/02/2003 0 . 3 . 1 Renumbered to 23.864 [get it](#) *remarks - general:* 2003-02-03: Renumbered to 23.864.  
*remarks - this release:* 2003-02-03: Renumbered to 23.864.

---

Rel-6 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TR 25.802 Remote control of electrically tilting antennas

Rel-6 *current version:* none *WG (prime / other):* R3 / - *rapporteur:* HAUSER, Andreas Vodafone D2 GmbH  
*freeze\_meeting:* G: U: yes *MCC:* KRAUSE, Joern  
*history (event, available, version, comments):*  
R3-36 0 . 1 . 0 *remarks - general:* RP-19: WI = RP-030193.  
R3-37 0 . 1 . 1 *remarks - this release:* RP-19: Completion target: RP-22. Thus assume service will be implemented in Rel-7.  
R3-37 0 . 2 . 0 RP-21: In fact, the work item is in Rel-6, so for now, move it to Rel-6. (No draft visible yet.)  
R3-38 07/11/2003 0 . 2 . 1 [get it](#)  
R3-39 0 . 3 . 0  
R3-39 24/11/2003 0 . 3 . 1 R3-031851 [get it](#)

---

## TR 25.893 Radio access bearer scenarios

Rel-6 *current version:* none *WG (prime / other):* R2 / - *rapporteur:* MIKOLA, Juha NOKIA Corporation  
*freeze\_meeting:* G: U: yes *MCC:* ARZELIER, Claude  
*history (event, available, version, comments):*  
*remarks - general:* 2003-05-26: to be stopped.  
*remarks - this release:* RP-20: to Rel-6 (but expected to be stopped in 2003-09 and contents moved to 25.993). 2003-09-10 R2 proposes to abandon. RP-21: stopped

---

Rel-6 **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 839

04 December 2003 12:04:18

WITHDRAWN specs 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* WG (prime / other): T2 / - *rapporteur:* MUDGE, John VODAFONE Group Plc  
*freeze\_meeting:* G: U: yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

*remarks - general:* Justification: see SP-020608. Stages 1 & 2: 32.150. Provisional  
*remarks - this release:* provisional TP-18: rapporteur not confirmed.

---

Rel-6 **32** .- series Server location: [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* WG (prime / other): S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

*remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,  
*remarks - this release:* SP-05: Left overs from Rel-5. 2002-04-29: source Christian Toche - will not be 32..42x  
and 52.008.  
published. Replace with 32.411, 32..42x and 52.008.

---

Rel-6 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

**TS 33.109 Bootstrapping of application security using AKA and support for subscriber certificates; System description**

Rel-6 *current version: none* WG (prime / other): S3 / - *rapporteur:* HAUKKA, Tao NOKIA Corporation  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice

*history (event, available, version, comments):*

S3-27 0 . 1 . 0  
S3-28 0 . 2 . 0  
S3-29 11/09/2003 0 . 3 . 0

*remarks - general:* WI = SEC1-SC (UID 33002)  
*remarks - this release:* S3-30: to be split into four separate documents.

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 840

04 December 2003 12:04:18

WITHDRAWN specs 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 33.221 Generic Authentication Architecture (GAA); Support for subscriber certificates**

Rel-6 *current version:* none *WG (prime / other):* S3 / *rapporteur:* HAUKKA, Tao NOKIA Corporation  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
S3-30 0 . 1 . 0 *remarks - general:* WI = SEC1-SC (UID 33002) Based on 33.109 §5 & annex A.  
S3-30 03/11/2003 0 . 1 . 1 *remarks - this release:* .  
S3-31 28/11/2003 0 . 2 . 0 [get it](#)  
[get it](#)

---

**TR 33.910 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution**

Rel-6 *current version:* none *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
*remarks - general:* WI = NDS Authentication Framework (approved SP-16). 2002-07-22: decided not to  
*remarks - this release:* . publish, so -> 33.810.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 841

04 December 2003 12:04:18

WITHDRAWN specs 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 33.917 (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces

Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> YAQUB, Raziq	Toshiba Corporation, Digital Media Network Company
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> POPE, Maurice	
<i>history (event, available, version, comments):</i>				
	draft	0 . 0 . 1	<i>remarks - general:</i>	Original WID = SP-030341. 2003-11-26: S3 Secretary indicates that the TR is to be
	TOC enhanced,	0 . 0 . 2	<i>remarks - this release:</i>	Original WID = SP-030341 2003-11-26: S3 Secretary indicates that the TR is to be
internal, so number changed to 33.817.				internal, so number changed to 33.817.
	Requirements & threat analysis added			
	More expansion on Issues 1, 4 and 5.	0 . 4 . 0		
	Reference Architecture added.			
	Also other updates.			
	Further comments incorporated and also some editorial improvements	0 . 5 . 0		
	Some comments accommodated, and editorial changes, clean up done	25/07/2003 0 . 6 . 0	TR number awarded.	<a href="#">get it</a>
	draft	13/10/2003 0 . 7 . 0		<a href="#">get it</a>
		03/11/2003 0 . 7 . 3		<a href="#">get it</a>

Rel-6 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

## TS 41.104 Technical Specifications and Technical Reports for a GERAN-based 3GPP system (Rel-6)

Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> POPE, Maurice	
<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>	post-SP-19: title changed to align with 01.01 SP-20: Superseded by 41.101 Rel-6.
			<i>remarks - this release:</i>	SP-20: Superseded by 41.101 Rel-6.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 842

04 December 2003 12:04:19

WITHDRAWN specs 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* WG (prime / other): G1 / rapporteur: GROSS, Robert TruePosition Inc.  
*freeze\_meeting: SP-11* G: yes U: MCC: USAI, Paolino  
*history (event, available, version, comments):*

*remarks - general:* Renumbered to 45.811.  
*remarks - this release:* Renumbered to 45.811.

---

Rel-6 42 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

---

## TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-6 *current version: none* WG (prime / other): T3 / - rapporteur: DIETRICH, Christian SchlumbergerSema - Schlumberger Systèmes S.A.  
*freeze\_meeting:* G: yes U: MCC: DIETZE, Claus  
*history (event, available, version, comments):*

*remarks - general:* TP-17: From Rel-6, transferred to ETSI TS 102 240.  
*remarks - this release:* TP-17: Technical contents transferred to ETSI SCP. Replaced by ETSI TS 102 240.

---

Rel-6 45 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

---

## TS 45.202 reserved for radio spec "Flexible layer 1" based on 45.902

Rel-6 *current version: none* WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* G: yes U: MCC: USAI, Paolino  
*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* .

---

Rel-6 49 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 843

04 December 2003 12:04:19

WITHDRAWN specs 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:

WG (prime / other): N1 / -

rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S  
Skov

G: yes U:

MCC: JORGENSEN, Per Johan

history (event, available, version, comments):

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to  
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994  
handling both "GSM" and "UMTS" problems.

## Rel-5

Rel-5 21 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TS 21.103 3rd Generation mobile system Release 5 specifications

Rel-5  
current version: none  
freeze\_meeting: SP-16

WG (prime / other): SP / -  
G: U: yes

rapporteur: MEREDITH, John M ETSI Secretariat  
MCC: POPE, Maurice

history (event, available, version, comments):

SP-12		0	.	0	.	0		SP-010275	
SP-12	05/07/2001	0	.	1	.	0		SP-010381	
SP-13	01/10/2001	1	.	0	.	0		SP-010418	
SP-15	19/03/2002	1	.	1	.	0		SP-020095	
SP-15	19/03/2002	1	.	2	.	0		SP-020202	
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	
SP-17	18/09/2002	5	.	1	.	0			
SP-18	03/01/2003	5	.	2	.	0			
SP-19	27/03/2003	5	.	3	.	0			
SP-20	25/06/2003	5	.	4	.	0		withdrawn -> 21.101	

[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: SP-20: Superseded by 21.101 Rel-5.  
remarks - this release: SP-20: Superseded by 21.101 Rel-5.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 844

04 December 2003 12:04:19

WITHDRAWN specs Rel-5 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

**TR 21.877 Radio optimization impacts on the Packet Switched (PS) domain architecture**  
Rel-5 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* LAUTIER, Laurence NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-16 *G:* *U:* yes *MCC:* YOON, Sang-Ui

*history (event, available, version, comments):*

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> SP-20: -> Rel-6.
draft	17/09/2002	0 . 5 . 0		<a href="#">get it</a>	
draft	16/12/2002	0 . 6 . 0		<a href="#">get it</a>	
draft	24/02/2003	0 . 7 . 0	-> Rel-6	<a href="#">get it</a>	

---

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 22.141 Presence service; Stage 1**  
Rel-5 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* WOHLERT, Randolph SBC Communications Inc.  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-12	27/06/2001	1 . 0 . 0	SP-010364 (replaces SP-010265)	<a href="#">get it</a>	<i>remarks - general:</i>
SP-13	01/10/2001	2 . 0 . 0	SP-010444	<a href="#">get it</a>	<i>remarks - this release:</i> SP-16: moved to Rel-6
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>	

---

**TS 22.146 Multimedia Broadcast/Multicast Service (MBMS); Stage 1**  
Rel-5 *current version:* none *WG (prime / other):* S1 / *rapporteur:* JARVIS, Andre 3  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

SP-13	01/10/2001	2 . 0 . 0	SP-010443	<a href="#">get it</a>	<i>remarks - general:</i> Replaces 22.946. Note that stage 2 is 23.246.
SP-13	05/10/2001	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5. SP-16 formally withdrw Rel-5.
SP-14	10/01/2002	5 . 1 . 0		<a href="#">get it</a>	
SP-15	28/03/2002	5 . 2 . 0	SP-16: withdrawn.	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 845

04 December 2003 12:04:19

WITHDRAWN specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.174</b>	<b>Push service; Stage 1</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> SP-15: Timed out of Rel-5.	
<hr/>						
<b>TS 22.240</b>	<b>Service requirements for 3GPP Generic User Profile (GUP); Stage 1</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> AMERY, Paul	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	draft 0 . 5 . 0 S1-020186				<i>remarks - general:</i> Cf work item 'Generic user profile'	
					<i>remarks - this release:</i> SP-15: Delayed to Rel-6	
<hr/>						
<b>TS 22.243</b>	<b>Speech recognition framework for automated voice services; Stage 1</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WILLIAMS, David Hugh	QUALCOMM EUROPE S.A.R.L.		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	S1 draft 0 . 0 . 2				<i>remarks - general:</i>	
	SP-14 02/01/2002 1 . 0 . 0 SP-010680	<a href="#">get it</a>			<i>remarks - this release:</i> SP-15: Delayed to Rel-6.	
<hr/>						
<b>TR 22.928</b>	<b>IP-based multimedia services examples</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
					<i>remarks - general:</i> 2003-04-07 Clayton: scrapped.	
					<i>remarks - this release:</i> 2003-04-07 Clayton: scrapped.	
<hr/>						
<b>TR 22.941</b>	<b>IP based multimedia framework; Stage 0</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	draft 05/07/2001 0 . 1 . 0	<a href="#">get it</a>			<i>remarks - general:</i> 2003-04-07 Clayton: scrapped.	
	SP-12 05/07/2001 0 . 2 . 4 S1-010359, SP-010359 - not seen by SA1.	<a href="#">get it</a>			<i>remarks - this release:</i> TP-16: likely to drop out of Rel-5 if no progress soon. SP-18: annex C presented at "evolution" workshop (EV-020021). 2003-04-07 Clayton: scrapped.	
	draft 15/10/2001 0 . 4 . 1	<a href="#">get it</a>				
	SP-14 02/01/2002 0 . 7 . 0 NP-010701 (!)	<a href="#">get it</a>				

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 846

04 December 2003 12:04:20

WITHDRAWN specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

**TR 22.946 Broadcast and multicast services**  
Rel-5 *current version:* none  
*freeze\_meeting:* SP-15  
*history (event, available, version, comments):*  
SP-12 27/06/2001 1 . 0 . 0 SP-010267

*WG (prime / other):* S1 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*G:* *U:* yes *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:* Replaced by 22.146.  
*remarks - this release:* To be scrapped SP-13. 2001-11-28: assume to be withdrawn since 22.146 approved at SP-13.

---

**TR 22.976 Study on PS domain services and capabilities**  
Rel-5 *current version:* none  
*freeze\_meeting:* SP-15  
*history (event, available, version, comments):*  
SP-08 28/06/2000 2 . 0 . 0 transferred from Rel-4.

*WG (prime / other):* S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*G:* *U:* yes *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.  
*remarks - this release:* 2001-12-04: Rel4->Rel-5 (Clayton). SP-19: -> Rel-6

---

Rel-5 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

**TS 23.073 Support of Localised Service Area (SoLSA); Stage 2**  
Rel-5 *current version:* none  
*freeze\_meeting:* NP-15  
*history (event, available, version, comments):*

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.  
*remarks - this release:* SP-16: ->43.073 since applies to GERAN systems only.

---

**TS 23.121 Architectural requirements for Release 1999**  
Rel-5 *current version:* none  
*freeze\_meeting:* SP-15  
*history (event, available, version, comments):*  
SP-09 5 . 0 . 0

*WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*G:* yes *U:* yes *MCC:* YOON, Sang-Ui  
*remarks - general:*  
*remarks - this release:* Oct00: CRs were approved by accident, it seems. Intention was to create 23.221 v5.0.0 rather than a Rel-5 of this spec. CR will be retrospectively withdrawn.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 847

04 December 2003 12:04:20

WITHDRAWN specs 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 23.174 Push service; stage 2

Rel-5 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version, comments):*

*WG (prime / other):* S2 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc  
*G:* *U:* yes *MCC:* YOON, Sang-Ui

*remarks - general:* Rapporteur: "note that there are currently no plans for a Push stage 2 but it is good to  
*remarks - this release:* SP-17: Rel-5 -> Rel-6 to accord with stage 1. reserve the number just in case ...".

---

## TS 23.178 customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2

Rel-5 *current version:* none  
*freeze\_meeting:* NP-15  
*history (event, available, version, comments):*

*WG (prime / other):* N2 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG  
*G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* 2001-10-26: renumbered to 23.278.  
*remarks - this release:* 2001-10-26: renumbered to 23.278.

---

## TS 23.240 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)

Rel-5 *current version:* none  
*freeze\_meeting:* SP-15  
*history (event, available, version, comments):*

*WG (prime / other):* S2 / *rapporteur:* UZQUIANO, Nacho TELEFONICA DE ESPAÑA SA  
*G:* *U:* yes *MCC:* YOON, Sang-Ui

*remarks - general:* Cf work item 'Generic user profile'  
*remarks - this release:* -> Rel-6

draft 0 . 2 . 0  
draft 0 . 3 . 0  
S2-23 0 . 4 . 0  
post S2-23 0 . 4 . 1  
S2-25 0 . 5 . 1  
S2-26 0 . 6 . 0  
S2-26 0 . 6 . 1  
S2-27 0 . 7 . 0  
S2-27 0 . 7 . 1  
S2-28 0 . 8 . 0  
post S2-28 0 . 9 . 0  
S2-29 0 . 10 . 0  
post S2-29 0 . 11 . 0  
SP-19 24/03/2003 0 . 12 . 0

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 848

04 December 2003 12:04:20

WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.241</b>	<b>3GPP Generic User Profile (GUP) ; Stage 2; Data description method</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> BISCHINGER, Kurt	T-Mobile AUSTRIA GmbH	
	<i>freeze_meeting:</i> TP-15	G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	draft	0 . 1 . 0		<i>remarks - general:</i> Cf work item 'Generic user profile'	
	draft	0 . 2 . 0		<i>remarks - this release:</i> TP-15: Delayed to Rel-6.	

---

<b>TS 23.246</b>	<b>Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	3	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i> Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in 23.846.		
			<i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5.		

---

<b>TR 23.841</b>	<b>Presence service architecture</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MAANSAARI, Kirsi	NOKIA KOREA	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</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:</i> -> Rel-6	
	SP-15 19/03/2002	1 . 0 . 0	<a href="#">get it</a>		
	S2-24	1 . 1 . 0			

---

<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	3	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</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 23.246.	
	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	TeliaSonera AB	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16	5 . 0 . 0		<i>remarks - general:</i>	
		2002-06-21: Kymalainen: no need to upgrade to Rel-5.		<i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 849

04 December 2003 12:04:21

WITHDRAWN specs Rel-5 23 .- series  
Server location: [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>					
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	Chalmers			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-16 5 . 0 . 0	2002-06-21: Kymalainen: no need to upgrade to Rel-5.			<i>remarks - general:</i>	
					<i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.	
<hr/>						
<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	TeliaSonera AB		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 5 . 0 . 0	2002-06-21: Kymalainen: no need to upgrade to Rel-5.			<i>remarks - general:</i>	
					<i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.	
<hr/>						
<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, comments):</i>					
	NP-16 5 . 0 . 0	2002-06-21: Kymalainen: no need to upgrade to Rel-5.			<i>remarks - general:</i>	
					<i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.	
<hr/>						
<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	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
					<i>remarks - general:</i> 2001-09-06: S2 Secretary: "May become 25.815." 2001-11-20: it has done so!	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TR 23.955</b>	<b>Virtual Home Environment (VHE) concepts</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	draft 08/01/2001 0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SP-20: stopped			
	draft 24/01/2001 0 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> SP-20: stopped			

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 850

04 December 2003 12:04:21

WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

**TR 23.974 Support of push service**  
Rel-5 *current version: none* WG (prime / other): S2 / rapporteur: UDA, Nobuyuki NTT COMWARE Corporation  
*freeze\_meeting: SP-15* G: U: yes MCC: YOON, Sang-Ui  
*history (event, available, version, comments):*  
SP-13 01/10/2001 2 . 0 . 0 SP-010508 - approved as 23.875 [get it](#) *remarks - general:* SP-13: changed number to 23.875.  
*remarks - this release:* May-2001: Sultan wonders whether this spec is needed. SP-13: Concern that this is a poor title - it is NOT a real stage 2.

---

Rel-5 **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

**TS 24.241 3GPP Generic User Profile (GUP) Common objects; Stage 3**  
Rel-5 *current version: none* WG (prime / other): T2 / rapporteur: SOOD, Prem SHARP Corporation  
*freeze\_meeting: TP-16* G: U: yes MCC: RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
*remarks - general:* Cf work item 'Generic user profile' - may be renumbered to 27.241  
*remarks - this release:* 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

---

Rel-5 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TR 25.855 High Speed Downlink Packet Access (HSDPA); Overall UTRAN description**  
Rel-5 *current version: none* WG (prime / other): R2 / rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting: RP-15* G: U: yes MCC: ARZELIER, Claude  
*history (event, available, version, comments):*  
RP-12 19/06/2001 1 . 0 . 0 RP-010345 [get it](#) *remarks - general:*  
RP-13 01/10/2001 2 . 0 . 0 RP-010562 [get it](#) *remarks - this release:* RP-13: This TR has been replaced by TS 25.308.  
RP-13 02/10/2001 5 . 0 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 851

04 December 2003 12:04:21

WITHDRAWN specs Rel-5 25 .- series  
Server location: [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 *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*history (event, available, version, comments):*  
*remarks - general:* 2003-05-26: stopped  
*remarks - this release:* 2003-05-26: stopped

---

**TR 25.857 UE positioning enhancements**

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* BECKMANN, Mark SIEMENS AG  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*history (event, available, version, comments):*  
*remarks - general:* 2003-05-26: stopped  
*remarks - this release:* 2003-05-26: stopped

---

**TR 25.861 RNC - SMLC location protocol**

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* MIKOLA, Juha NOKIA Corporation  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*history (event, available, version, comments):*  
*remarks - general:* RP-15: abandoned in favour of directly writing the stage 3 spec.  
*remarks - this release:* RP-15: abandoned in favour of directly writing the stage 3 spec.

---

**TR 25.867 Feasibility study for wideband distribution systems in 3rd generation networks**

Rel-5 *current version:* none *WG (prime / other):* R4 / *rapporteur:* MATARASSO, Carlo TEKMAR Sistemi Srl an Andrew Company  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version, comments):*  
RP-14 02/01/2002 1 . 0 . 0 RP-010794 [get it](#) *remarks - general:*  
*remarks - this release:* 2003-11-28: WG secretary reports: Timed out of Rel-5, moved to Rel-6.

---

**TR 25.869 Transmitter diversity solutions for multiple antennas**

Rel-5 *current version:* none *WG (prime / other):* R1 / - *rapporteur:* KIM, Sung-Jin Samsung Electronics Ind. Co., Ltd.  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa  
*history (event, available, version, comments):*  
draft 0 . 1 . 0 *remarks - general:*  
draft 0 . 1 . 1 *remarks - this release:* RP-20: to Rel-6.  
RP-12 28/06/2001 1 . 0 . 0 RP-010344 [get it](#)  
RP-13 01/10/2001 1 . 0 . 1 RP-010637 [get it](#)  
RP-15 19/03/2002 1 . 0 . 2 RP-020130 - RP-20: to Rel-6 [get it](#)  
draft 08/10/2003 1 . 2 . 0 R1-030946 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 852

04 December 2003 12:04:21

WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TR 25.876</b>	<b>Multiple Input Multiple Output (MIMO) Antennae in UTRA</b>						
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> HUANG, Howard	Lucent Technologies			
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>						
	R1-21 0 . 0 . 0	R1-010879					
	RP-14 02/01/2002 1 . 0 . 0	RP-010796	<a href="#">get it</a>	<i>remarks - general:</i> RP-20: reference to HSDPA removed from title			
	R1-24 1 . 0 . 1	R1-020486		<i>remarks - this release:</i> 2003-11-03: Timed out of Rel-5, must be Rel-6.			
	RP-15 31/07/2002 1 . 1 . 0	RP-020240	<a href="#">get it</a>				
<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, comments):</i>						
	RP-13 01/10/2001 1 . 0 . 0	RP-010672. RP-17: withdrawn.	<a href="#">get it</a>	<i>remarks - general:</i> RP-17: withdrawn. RP-18 unwithdrawn.			
				<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, comments):</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, comments):</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.			
<hr/>							
<b>TR 25.888</b>	<b>Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD</b>						
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> LI, Xiaoqiang	SAMSUNG Electronics Research Institute			
	<i>freeze_meeting:</i> RP-16	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>						
	RP-17 24/09/2002 1 . 0 . 0	RP-020508	<a href="#">get it</a>	<i>remarks - general:</i>			
				<i>remarks - this release:</i> -> Rel-6			

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 853

04 December 2003 12:04:22

WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TR 25.893 Radio access bearer scenarios

Rel-5 *current version:* none  
*freeze\_meeting:* RP-19  
*history (event, available, version, comments):*

*WG (prime / other):* R2 / - *rapporteur:* MIKOLA, Juha NOKIA Corporation  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* 2003-05-26: to be stopped.  
*remarks - this release:* 2003-05-26: to be stopped, relevant parts to be moved to 25.993. RP-20: to Rel-6 (but expected to be stopped in 2003-09 and contents moved to 25.993).

---

## TR 25.951 Base Station (BS) classification (FDD)

Rel-5 *current version:* none  
*freeze\_meeting:* RP-16

*WG (prime / other):* R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation  
*G:* *U:* yes *MCC:* Tuomo GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-13	01/10/2001	1	.	1	.	0	moved from Rel-4
R4-23		1	.	2	.	0	R4-020688
R4-24		1	.	3	.	0	R4-021073, R4-021376, R4-021377
R4-25		1	.	4	.	0	R4-021430 et al
draft		1	.	4	.	1	
R4-26		1	.	5	.	0	R4-021695 et al
R4-26		1	.	5	.	1	R4-030210

[get it](#) *remarks - general:*  
*remarks - this release:* 2002-01-24: Gutierrez: moved from Rel-4. RP-19: to Rel-6.

---

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 27.104 vObjects and other constructs for data synchronization

Rel-5 *current version:* none  
*freeze\_meeting:* TP-15  
*history (event, available, version, comments):*

*WG (prime / other):* T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.  
*G:* *U:* yes *MCC:* RODERMUND, Friedhelm

TP-10 05/01/2001 0 . 1 . 1 SP-000657

[get it](#) *remarks - general:* TP-14: may be merged with 24.241. 2003-01-31: T2 Secretary confirmst that this  
*remarks - this release:* TSG#11:Rel4->Rel5. 2003-01-31: T2 Secretary confirmst that this spec is scrapped.  
spec is scrapped.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 854

04 December 2003 12:04:22

WITHDRAWN specs 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, comments):*

*WG (prime / other):* T2 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

*remarks - general:* SP-16: to "GERAN" set.  
*remarks - this release:* WI approved TSG#7. WG Secretary 2001-08-30: No need for any terminal spec for this application; so stopped.

---

## TS 27.241 3GPP generic user profile requirements; Stage 3; Access; Common objects

Rel-5 *current version:* none  
*freeze\_meeting:* TP-16  
*history (event, available, version, comments):*

*WG (prime / other):* T2 / *rapporteur:* LOCKHART, Rob Motorola Inc.  
*G:* *U:* yes *MCC:* RODERMUND, Friedhelm

*remarks - general:* 2003-01-31: T2 Secretary confirmst that this spec is scrapped.  
*remarks - this release:* 2003-01-31: T2 Secretary confirmst that this spec is scrapped.

---

Rel-5 29 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

## TS 29.162 Interworking between the IM CN subsystem and IP networks

Rel-5 *current version:* none  
*freeze\_meeting:* NP-16  
*history (event, available, version, comments):*

*WG (prime / other):* N3 / *rapporteur:* HOLLAND, Nigel mmO2 plc  
*G:* yes *U:* yes *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* NP-19: to Rel-6  
[get it](#)  
[get it](#)

draft 01/06/2001 0 . 1 . 0  
draft 08/11/2001 0 . 3 . 0  
draft 14/01/2002 0 . 4 . 0  
draft 18/02/2002 0 . 6 . 1  
NP-15 19/03/2002 1 . 0 . 0 NP-020076

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 855

04 December 2003 12:04:22

WITHDRAWN specs 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 IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks

Rel-5 *current version:* none *WG (prime / other):* N3 / *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc  
*freeze\_meeting:* NP-18 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

*history (event, available, version, comments):*

N3-16		0	.	0	.	0			<i>remarks - general:</i>
N3-17	01/06/2001	0	.	1	.	0		N3-010185, N3-010199, N3-010201 and <a href="#">get it</a>	<i>remarks - this release:</i> NP-16: shifted to Rel-6.
								N3-010210	
N3-18		0	.	2	.	0		N3-010312, N3-010315	
N3-19	09/11/2001	0	.	3	.	0		N3-010462, N3-010427	<a href="#">get it</a>
NP-14	02/01/2002	1	.	0	.	0		NP-010565	<a href="#">get it</a>
N3-21		1	.	1	.	0			
NP-15	18/02/2002	1	.	2	.	0		NP-020077 ex N3-21	<a href="#">get it</a>
editorials		1	.	2	.	1			
N3-23		1	.	3	.	1		N3-020441	

---

## TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

NP-16		5	.	0	.	0		Interim step; not to be produced. See sub-parts.	<i>remarks - general:</i>
									<i>remarks - this release:</i> Split into sub-parts.

---

## TS 29.198-09 Open Service Access (OSA) Application Programming Interface (API); Part 9: Generic messaging SCF

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

*remarks - general:* No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-9 and Parlay 4 - ES 915-9.

*remarks - this release:* 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. 202

---

## TS 29.198-10 Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

*remarks - general:* No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-10 and Parlay 4 - ES 915-10.

*remarks - this release:* 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. ES 202

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 856

04 December 2003 12:04:22

WITHDRAWN specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

<b>TS 29.203</b>	<b>Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> YOUNG, Michael	MOTOROLA Ltd	
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>	superseded by 29.903	
			<i>remarks - this release:</i>	. TSG#11:creation; superseded by 29.903	
<hr/>					
<b>TS 29.226</b>	<b>reserved</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i>	WI approved TSG#7	
<hr/>					
<b>TS 29.240</b>	<b>Generic User Profile (GUP); Stage 3; Network</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> NP-16	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>	Cf work item 'Generic user profile' - may be renumbered to 27.241	
			<i>remarks - this release:</i>	2002-03-05: Delayed to Rel-6.	
<hr/>					
<b>TR 29.993</b>	<b>Modifications to be incorporated in equipment to cater for errors in the standards</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> RP / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>	RP-19: stopped.	
			<i>remarks - this release:</i>	.	
<hr/>					
<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 2: INAP</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i>	SP-14 stopped.	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 857

04 December 2003 12:04:22

WITHDRAWN specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

**TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 3: MEGACO mapping**

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-15 G: U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

*remarks - general:*

*remarks - this release:* 2003-01-15: abandoned by N5

---

**TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 2: INAP mapping**

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 G: U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

*remarks - general:*

*remarks - this release:* 2003-01-15: abandoned by N5

---

**TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 3: MEGACO mapping**

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 G: U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

*remarks - general:*

*remarks - this release:* 2003-01-15: abandoned by N5

---

Rel-5 **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

---

**TR 30.002 Guidelines for the modification of the Mobile Application Part (MAP)**

Rel-5 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-15 G: yes U: yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-18 07/01/2003 5 . 0 . 0 NP-19: renumbered to 30.902.

[get it](#)

*remarks - general:*

*remarks - this release:* NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series UMTS studies.  
NP-18: Evidently Rel-5 is indeed required!

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 858

04 December 2003 12:04:23

WITHDRAWN specs Rel-5 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

Rel-5 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.115 Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications

Rel-5 *current version: none* WG (prime / other): T3 / - *rapporteur:* VIALLET, Sophie Indicate persons who left Company and wait for new One  
*freeze\_meeting:* TP-16 G: U: yes MCC: DIETZE, Claus

*history (event, available, version, comments):*

TP-15 19/03/2002 0 . 0 . 2 TP-020031  
TP-15 19/03/2002 1 . 0 . 0 TP-020075

[get it](#) *remarks - general:* additional rapporteur: Florence Martin.  
[get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

## TS 31.116 Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications

Rel-5 *current version: none* WG (prime / other): T3 / - *rapporteur:* VIALLET, Sophie Indicate persons who left Company and wait for new One  
*freeze\_meeting:* TP-16 G: yes U: yes MCC: DIETZE, Claus

*history (event, available, version, comments):*

TP-15 19/03/2002 0 . 1 . 0 TP-020032  
TP-15 19/03/2002 1 . 0 . 0 TP-020076

[get it](#) *remarks - general:* additional rapporteur: Florence Martin  
[get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

## TS 31.131 C-language binding for (Universal) Subscriber Identity Module ((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, comments):*

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)

## TS 32.108 Telecommunication management; Subscriber and equipment trace

Rel-5 *current version: none* WG (prime / other): S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation  
*freeze\_meeting:* SP-16 G: U: yes MCC: ZOICAS, Adrian

*history (event, available, version, comments):*

draft 08/11/2001 0 . 0 . 1  
draft 26/02/2002 0 . 1 . 0

[get it](#) *remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,  
[get it](#) *remarks - this release:* SP-15: Partial service only. 32..42x and 52.008.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 859

04 December 2003 12:04:23

WITHDRAWN specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<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, comments):</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 (IRP): Common Object Request Broker Architecture (CORBA) 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, comments):</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 (IRP): Common Management Information Protocol (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, comments):</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> ISLIP, John	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version, comments):</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>				

---

<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> N, A	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version, comments):</i>							
<i>remarks - general:</i> -> 32.112							
<i>remarks - this release:</i> .							

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 860

04 December 2003 12:04:23

WITHDRAWN specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.681</b>	<b>Telecommunication management; Inventory Management (IM) 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	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i>				
<i>remarks - this release:</i> SP-17: moved to Rel-6.				

---

<b>TS 32.682</b>	<b>Telecommunication management; Inventory Management (IM) 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	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i>				
<i>remarks - this release:</i> SP-17: moved to Rel-6.				

---

<b>TS 32.683</b>	<b>Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (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	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i>				
<i>remarks - this release:</i> SP-17: moved to Rel-6.				

---

<b>TS 32.684</b>	<b>Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Management Information Protocol (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	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i>				
<i>remarks - this release:</i> SP-17: moved to Rel-6.				

---

<b>TR 32.801</b>	<b>Performance management</b>			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> KORINEK, Frank	MOTOROLA JAPAN LTD
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i> (Release 4/5 Building Block: OAM-PM)				
<i>remarks - this release:</i> 2001-08-27: S5 Secretary: no document to be produced.				

---

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 861

04 December 2003 12:04:23

WITHDRAWN specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

Rel-5 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TR 33.800 Principles for Network Domain Security

Rel-5 *current version:* none

*freeze\_meeting:*

*history (event, available, version, comments):*

WG (prime / other): S3 / - *rapporteur:* ESCOTT, Adrian 3

G: U: yes *MCC:* POPE, Maurice

*remarks - general:* 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

*remarks - this release:* .2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

Rel-5 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

## TS 41.103 GSM Release 5 specifications

Rel-5 *current version:* none

*freeze\_meeting:* SP-16

*history (event, available, version, comments):*

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

G: yes U: *MCC:* POPE, Maurice

*remarks - general:* SP-20: Superseded by 41.101 Rel-5.

*remarks - this release:* SP-20: Superseded by 41.101 Rel-5.

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	<a href="#">get it</a>
SP-15	19/03/2002	1	.	1	.	0		SP-020098	<a href="#">get it</a>
SP-15	19/03/2002	1	.	2	.	0		SP-020203	<a href="#">get it</a>
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			<a href="#">get it</a>
SP-17	18/09/2002	5	.	1	.	0			<a href="#">get it</a>
SP-18	03/01/2003	5	.	2	.	0			<a href="#">get it</a>
SP-19	27/03/2003	5	.	3	.	0			<a href="#">get it</a>
SP-20	25/06/2003	5	.	4	.	0		withdrawn -> 41.101	<a href="#">get it</a>

Rel-5 **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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 862

04 December 2003 12:04:24

WITHDRAWN specs 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 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1**  
Rel-5 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-15 *G: yes U:* *MCC:* POPE, Maurice One  
*history (event, available, version, comments):*  
SP-16 24/06/2002 5 . 0 . 0 SP-18: withdrawn. [get it](#) *remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.  
*remarks - this release:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

---

**TS 42.032 Immediate Service Termination (IST); Service description; Stage 1**  
Rel-5 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-15 *G: yes U:* *MCC:* POPE, Maurice One  
*history (event, available, version, comments):*  
*remarks - general:* SP-16: withdrawn in favour of 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)

---

**TS 43.031 Fraud Information Gathering System (FIGS); Service description; Stage 2**  
Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-15 *G: yes U:* *MCC:* POPE, Maurice One  
*history (event, available, version, comments):*  
SP-16 24/06/2002 5 . 0 . 0 SP-18: withdrawn. [get it](#) *remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5  
*remarks - this release:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. -> 23.031.

---

**TS 43.035 Immediate Service Termination (IST); Stage 2**  
Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-15 *G: yes U:* *MCC:* POPE, Maurice One  
*history (event, available, version, comments):*  
*remarks - general:* SP-16: withdrawn in favour of 23.035.  
*remarks - this release:* SP-16: withdrawn in favour of 23.035.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 863

04 December 2003 12:04:24

WITHDRAWN specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

---

**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, comments):*  
GP-06 17/06/2003 1 . 0 . 0 GP-011962

*WG (prime / other):* G1 / *rapporteur:* GUARINO, Bernard AT&T Wireless Services, Inc.  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:* 2002-09-03: Transferred from G2 to G1.. GP-06: stopped.  
*remarks - this release:* 2003-01-14: WG Secretary reports that this doc is unlikely to be completed. GP-06: stopped.

---

**TR 43.930 lur-g interface; Stage 2**

Rel-5 *current version:* none  
*freeze\_meeting:* GP-09  
*history (event, available, version, comments):*  
GP-09 0 . 3 . 0 GP-020733  
GP-09 22/04/2002 0 . 4 . 0 GP-021274

*WG (prime / other):* G2 / *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc  
*G: yes U:* *MCC:* Jose Luis THOMASEN, Gert

[get it](#) *remarks - general:* GP-11: Withdrawn and replaced with 43.130.  
*remarks - this release:* This record originally created as Rel-6, but GP-10 approves as Rel-5. GP-11: Withdrawn and replaced with 43.130.

draft 19/07/2002 0 . 5 . 1 [get it](#)  
GP-10 19/07/2002 5 . 0 . 0 [get it](#)  
GP-11 16/09/2002 5 . 1 . 0 [get it](#)  
GP-11: withdrawn and technically identical document issued as TS 43.130.

---

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:*  
*history (event, available, version, comments):*

*WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S 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-5 **50** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 864

04 December 2003 12:04:24

WITHDRAWN specs 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:* none  
*freeze\_meeting:* GP-09  
*history (event, available, version, comments):*  
GP-08 04/04/2002 0 . 0 . 14 GP-020277  
GP-08 20/03/2002 0 . 0 . 15 GP-020515

WG (prime / other): GP / - *rapporteur:* BLADSJO, David Telefon AB LM Ericsson  
G: yes U: *MCC:* USAI, Paolino

Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6.  
draft 20/03/2002 0 . 1 . 6

[get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as  
[get it](#) *remarks - this release:* GP-08: Assume planning is for Rel-5 now (since Rel-4 is frozen). 2003-01-14: Fel-5  
frozen, so migrated to Rel-6.

---

Rel-5 **51** .- series Server location: [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  
*freeze\_meeting:* TP-15  
*history (event, available, version, comments):*  
TP-14 17/01/2002 5 . 0 . 0 TP-16: Rel-5 version withdrawn!

WG (prime / other): T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
G: yes U: *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".  
*remarks - this release:* TP-16: Rel-5 version withdrawn.

---

## Rel-4

Rel-4 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 865

04 December 2003 12:04:24

WITHDRAWN specs Rel-4 21 .- series  
Server location: [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:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
G: U: yes *MCC:* POPE, Maurice

SP-08	30/06/2000	1	.	0	.	0	
SP-10	04/01/2001	1	.	1	.	0	<a href="#">get it</a> <i>remarks - general:</i> SP-20: Superseded by 21.101 Rel-4.
SP-11	11/04/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - this release:</i> SP-20: Superseded by 21.101 Rel-4.
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>
SP-17	18/09/2002	4	.	6	.	0	<a href="#">get it</a>
SP-18	03/01/2003	4	.	7	.	0	<a href="#">get it</a>
SP-19	27/03/2003	4	.	8	.	0	<a href="#">get it</a>
SP-20	25/06/2003	4	.	9	.	0	<a href="#">get it</a> withdrawn -> 21.101

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  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
G: yes U: yes *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4  
*remarks - this release:* TSG#11: Becomes 42.043 for Rel-4 (!).

## TS 22.112 USIM toolkit interpreter; Stage 1

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

WG (prime / other): T3 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH  
G: U: yes *MCC:* DIETZE, Claus

TP-10	11/01/2001	1	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
TP-11	09/04/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - this release:</i> TP-13: Rel-4 withdrawn, since stage 2 not ready.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 866

04 December 2003 12:04:24

WITHDRAWN specs 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 22.227 Service requirements for the Open Service Access (OSA)

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

WG (*prime / other*): S1 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
G: U: yes *MCC:* CLAYTON, Michael

*remarks - general:* Clayton Apr-2001: spec not required (see 22.127)  
*remarks - this release:* .

---

## TR 22.976 Study on PS domain services and capabilities

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

WG (*prime / other*): S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
G: U: yes *MCC:* CLAYTON, Michael

SP-07 17/03/2000 1 . 0 . 0 SP-000073  
draft 09/05/2000 1 . 4 . 0  
SP-08 28/06/2000 2 . 0 . 0 -> Rel-5.

[get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.  
[get it](#) *remarks - this release:* 2001-12-04: Rel4->Rel-5 (Clayton).  
[get it](#)

---

Rel-4 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

WG (*prime / other*): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

NP-11 04/04/2001 4 . 0 . 0 SP-16: ->43.073 since applies to GERAN [get it](#) *remarks - general:* Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.  
systems only. *remarks - this release:* SP-16: ->43.073 since applies to GERAN systems only.

---

## TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

WG (*prime / other*): S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation  
G: U: yes *MCC:* YOON, Sang-Ui

SP-11 18/06/2002 4 . 0 . 0 withdrawn

[get it](#) *remarks - general:*  
*remarks - this release:* Kall: Apr-2001:Superseded by 23.271 for Rel-4.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 867

04 December 2003 12:04:25

WITHDRAWN specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.207</b>	<b>End-to-end Quality of Service (QoS) concept and architecture</b>						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OYAMA, Johnson	Nippon Ericsson K.K.			
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>						
	SP-10 31/01/2001 1 . 0 . 0 SP-000594	<a href="#">get it</a>	<i>remarks - general:</i>				
	draft 01/02/2001 1 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> SP-12: becomes Rel-5				
	draft 26/06/2001 1 . 7 . 3 suspicious version number!	<a href="#">get it</a>					
	SP-12 26/06/2001 2 . 0 . 0 S2-011123, SP-010337	<a href="#">get it</a>					
<hr/>							
<b>TR 23.814</b>	<b>Separating RR and MM specific parts of the MS Classmark</b>						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> YOKOTA, Fumihiko	Fujitsu Limited			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</i>						
	NP-11 4 . 0 . 0 doa. Stick at R99.		<i>remarks - general:</i> New after TSG#5				
			<i>remarks - this release:</i> Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.				
<hr/>							
<b>TR 23.821</b>	<b>Architecture Principles for Reelase 2000</b>						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LIND, Christer	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>						
	SP-08 28/06/2000 1 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5. SP-20: stopped				
			<i>remarks - this release:</i> SP-20: stopped				
<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> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KITADA, Yoshinori	NTT COMWARE Corporation			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>						
	SP-09 1 . 0 . 0		<i>remarks - general:</i> SP-20: stopped				
	draft 08/11/2000 1 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> SP-20: stopped				
	draft 24/11/2000 1 . 3 . 0	<a href="#">get it</a>					

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 868

04 December 2003 12:04:25

WITHDRAWN specs Rel-4 23 .- series  
Server location: [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> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	draft 15/11/1998	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SP-20: stopped	
	draft 15/01/1999	0 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> SP-20: stopped	
	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 23.913</b>	<b>UMTS Turbo-Charger</b>				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: N, A		
	<i>history (event, available, version, comments):</i>				
	N1-06 20/08/1999	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5	
	N1-07 17/09/1999	0 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	N1-08 29/10/1999	0 . 0 . 3	<a href="#">get it</a>		
	revision 15/11/1999	0 . 1 . 0	<a href="#">get it</a>		
	revision 30/11/1999	0 . 1 . 1	<a href="#">get it</a>		
	NP-06 17/12/1999	1 . 0 . 0	<a href="#">get it</a>		
	N1-09 03/12/1999	1 . 0 . 0	<a href="#">get it</a>		

---

<b>TR 23.922</b>	<b>Architecture for an All IP network</b>				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC: YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	SP-11	4 . 0 . 0		<i>remarks - general:</i> TSG#5: 1.0.0	
				<i>remarks - this release:</i> Sultan, Apr-2001: abandoned in early 2000. July-2001: replaced by 23,228.	

---

<b>TR 23.923</b>	<b>Combined GSM and Mobile IP mobility handling in UMTS IP CN</b>				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HUBBARD, Elisabeth	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC: YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	SP-11	4 . 0 . 0		<i>remarks - general:</i>	
				<i>remarks - this release:</i> Sultan Apr-2001: contents out of date, not appropriate for Rel-4.	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 869

04 December 2003 12:04:25

WITHDRAWN specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TR 23.925</b>	<b>UMTS Core network based ATM transport</b>				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROUZ, Adel	FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui		
<i>history (event, available, version, comments):</i>					
		<i>remarks - general:</i> Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.			
		<i>remarks - this release:</i> SP-20: stopped SP-20: stopped			

---

<b>TR 23.972</b>	<b>Circuit switched multimedia telephony</b>				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
<i>history (event, available, version, comments):</i>					
NP-11 4 . 0 . 0		doa. Stick at R99.			
		<i>remarks - general:</i> New after TSG#5. Minor title change TSG#7.			
		<i>remarks - this release:</i> Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.			

---

Rel-4 24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

<b>TS 24.004</b>	<b>Layer 1 - General Requirements</b>				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> THOMAS, Rémi	France Telecom	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version, comments):</i>					
GP-04 4 . 0 . 0					
		<i>remarks - general:</i> Apr-2001: Not required. See 44.004.			
		<i>remarks - this release:</i> Apr-2001: Not required. See 44.004.			

---

<b>TS 24.012</b>	<b>Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface</b>				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> G2 / N2	<i>rapporteur:</i> AL -BAKRI, Ban	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version, comments):</i>					
have been N2 anyway). Agreed to					
		<i>remarks - general:</i> Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12			
		<i>remarks - this release:</i> TSG#11: Replaced by 44.012 for Rel-4. R99) and shift responsibility to G2 (and should			
		txfer to G2, but still as 24.012.			

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 870

04 December 2003 12:04:26

WITHDRAWN specs 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 24.10U UMTS Interworking and internetworking signalling aspects; Requirements for provision of UMTS services via satellite access**  
Rel-4 *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-11 *G:* *U:* *MCC:* N, A One  
*history (event, available, version, comments):* *remarks - general:*  
*remarks - this release:* .

---

**TR 24.946 reserved**  
Rel-4 *current version:* none *WG (prime / other):* - / *rapporteur:* VACANT,  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* N, A  
*history (event, available, version, comments):* *remarks - general:*  
*remarks - this release:*

---

Rel-4 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TS 25.107 UTRA Repeater; Conformance testing**  
Rel-4 *current version:* none *WG (prime / other):* - / - *rapporteur:* NILSSON, Martin Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* N, A One  
*history (event, available, version, comments):* *get it* *remarks - general:* -> 25.143  
Start of work 01/08/2000 0 . 0 . 1 *remarks - this release:* Scrapped in favour of 25.143

---

**TS 25.371 LMU signalling**  
Rel-4 *current version:* none *WG (prime / other):* - / - *rapporteur:* MOULY, Michel ARGUIN Communications  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* N, A  
*history (event, available, version, comments):* *remarks - general:* Created Jan 00; wdrwn Apr00  
*remarks - this release:* First draft: Jan2000

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 871

04 December 2003 12:04:26

WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TR 25.835</b>	<b>Report on hybrid ARQ type II/III</b>								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version, comments):</i>								
	RP-09 16/10/2000 1 . 0 . 0								
		<i>WG (prime / other):</i> R2 / -		<i>rapporteur:</i> SITTE, Armin		SIEMENS AG			
		<i>G:</i> U: yes		<i>MCC:</i> ARZELIER, Claude					
				<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i> 2002-02-25 (Van der Veen): WI abandoned, so spec withdrawn.				
<hr/>									
<b>TR 25.837</b>	<b>Hybrid ARQ Type II/III (lub/lur aspects)</b>								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-09 21/09/2000 0 . 1 . 0								
		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> BRANDT, Achim V.		SIEMENS AG			
		<i>G:</i> U: yes		<i>MCC:</i> KRAUSE, Joern					
				<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i> RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.				
<hr/>									
<b>TR 25.839</b>	<b>Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)</b>								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-12 05/07/2001 0 . 2 . 0								
	RAN3 approved 01/10/2001 0 . 3 . 0								
		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> PARK, Jin Hyo		SK TELECOM			
		<i>G:</i> U: yes		<i>MCC:</i> KRAUSE, Joern					
				<a href="#">get it</a>	<i>remarks - general:</i>				
				<a href="#">get it</a>	<i>remarks - this release:</i> RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.				
<hr/>									
<b>TR 25.842</b>	<b>Smart antenna</b>								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-09 12/01/2001 1 . 0 . 0								
		<i>WG (prime / other):</i> R1 / -		<i>rapporteur:</i> HU, Jinling		China Academy of Telecommunications Technology			
		<i>G:</i> U: yes		<i>MCC:</i> SASAKI, Tsukasa					
				<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i> 2003-11-28: WG Chairman indicates that this item is stopped.				
					<i>remarks - this release:</i> .RP-15: Not to be promoted to Rel-5. Post-RP-20: info received that the corresponding work item was stopped at RP-10, so expect this TR to be scrapped at RP-21. 2003-11-28: WG Chairman indicates that this item is stopped.				
<hr/>									
<b>TR 25.845</b>	<b>FDD RACH and AICH performance requirements</b>								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version, comments):</i>								
	draft 20/12/2000 0 . 0 . 2								
	draft 14/05/2001 0 . 0 . 3								
		<i>WG (prime / other):</i> R4 / -		<i>rapporteur:</i> VIHRIÄLÄ, Jaakko		NOKIA Corporation			
		<i>G:</i> U: yes		<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
				<a href="#">get it</a>	<i>remarks - general:</i>				
				<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5. RP-17: withdrawn.				

---

G = required in systems with GERAN access; U = required in systems with UMTS access.





# 3GPP specification status

Page 873

04 December 2003 12:04:26

WITHDRAWN specs Rel-4 25 .- series  
Server location: [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, comments):*

draft	15/05/2000	0 . 0 . 1	<a href="#">get it</a>
R3-13	15/06/2000	0 . 1 . 0	<a href="#">get it</a>
R3-13	15/07/2000	0 . 1 . 1	<a href="#">get it</a>
RP-09	15/08/2000	0 . 2 . 0	<a href="#">get it</a>
RP-10	21/12/2000	0 . 4 . 0	RP-000644 <a href="#">get it</a>
RP-11	06/04/2001	1 . 0 . 0	<a href="#">get it</a>
RP-12	05/07/2001	1 . 1 . 0	RP-010425 <a href="#">get it</a>
RP-13	01/10/2001	1 . 4 . 0	RP-010642 <a href="#">get it</a>
draft	13/11/2001	1 . 4 . 1	to Rel-5 <a href="#">get it</a>
RP-14	06/12/2001	1 . 5 . 0	RP-010876 <a href="#">get it</a>
draft	02/01/2002	1 . 5 . 1	<a href="#">get it</a>
RP-15	19/03/2002	1 . 7 . 1	RP-020136, withdrawn <a href="#">get it</a>
RP-15	19/03/2002	2 . 0 . 0	RP-020137 <a href="#">get it</a>

*remarks - general:*  
*remarks - this release:* 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).

## TR 25.938 Terminal power saving features

Rel-4 *current version:* none  
*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, comments):*

draft	15/08/2000	0 . 0 . 1	<a href="#">get it</a>
draft	05/10/2000	0 . 1 . 0	<a href="#">get it</a>
RP-10	21/12/2000	0 . 1 . 1	RP-000654 <a href="#">get it</a>
RP-11	06/04/2001	2 . 0 . 0	R3-27: abandoned, confirmed RP-15. <a href="#">get it</a>

*remarks - general:* R3-27: abandoned.  
*remarks - this release:* RP-15: Withdrawal confirmed.

## TR 25.951 Base Station (BS) classification (FDD)

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*WG (prime / other):* R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation  
*G:* *U:* yes *MCC:* Tuomo GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

R4-13	21/11/2000	0 . 0 . 1	R4-000572 <a href="#">get it</a>
RP-10	21/12/2000	1 . 0 . 0	RP-000598 <a href="#">get it</a>
R4-16		1 . 0 . 1	R4-010257
RP-13	01/10/2001	1 . 1 . 0	RP-010681 <a href="#">get it</a>

*remarks - general:*  
*remarks - this release:* 2002-01-24: Gutierrez: moved to Rel-5

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 874

04 December 2003 12:04:27

WITHDRAWN specs Rel-4 25 .- series  
Server location: [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, comments):*

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 CORPORATION  
*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, comments):*

SP-11		4	0	0
-------	--	---	---	---

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G:* *U:* yes *MCC:* USAI, Paolino

*remarks - general:* Replaced by 26.978.  
*remarks - this release:* Replaced by 26.978.

## TS 26.226 Global text telephony (GTT); Transport of text in the voice channel

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*

SP-08	23/06/2000	0	0	0
SP-09	18/10/2000	0	0	9
draft	24/10/2000	0	0	10
SP-10	21/12/2000	4	0	0

*WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*G:* yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* SP-16: in "GERAN" set.  
[get it](#) *remarks - this release:* TSG#11:withdrawn->rel-5  
[get it](#)

## 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, comments):*

SP-10		2	0	0	SP-000750
SP-10	21/12/2000	4	0	0	

*WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*G:* yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* SP-16: in "GERAN" set.  
*remarks - this release:* TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 875

04 December 2003 12:04:27

WITHDRAWN specs 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 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
draft 01/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*  
draft 16/11/2000 0 . 0 . 2 [get it](#) *remarks - this release:* SP-12: withdrawn from Rel-4, moved to Rel-5.  
SP-10 21/12/2000 1 . 0 . 0 NP-000567 [get it](#)  
SP-11 10/04/2001 4 . 0 . 0 [get it](#)  
SP-12 4 . 1 . 0 immediately withdrawn, becomes Rel-5

---

## TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* No work, will never appear as 4.0.0 (Usai, Mar 2001)

---

## TR 26.920 Architectural Model for the 3G Transcoders

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
SP-03 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:* yes *U:* yes *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* 2001-11-07: Boswarthick: Not required for Rel-4.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 876

04 December 2003 12:04:27

WITHDRAWN specs Rel-4 29 .- series  
Server location: [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)

## TR 29.993 Modifications to be incorporated in equipment to cater for errors in the standards

Rel-4 *current version:* none *WG (prime / other):* RP / - *rapporteur:* COURAU, François ALCATEL S.A.  
*freeze\_meeting:* NP-11 G: yes U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

*remarks - general:* RP-19: stopped.  
*remarks - this release:* .

Rel-4 30 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

## TR 30.002 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-4 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-11 G: yes U: yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version, comments):*

NP-09 08/11/2000 4 . 0 . 0 [get it](#) *remarks - general:* NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series UMTS  
TR no. corrected 02/02/2001 4 . 0 . 1 NP-19: Replaced by 30.902 v4.0.2. [get it](#) *remarks - this release:* 2002-03-10: WG Chairman: Unwithdrawn. post-NP-16: No Rel-5 needed. studies.

## TR 30.504 Work Plan and Study Items - RAN WG4

Rel-4 *current version:* none *WG (prime / other):* R4 / - *rapporteur:* IWASA, Masaaki MOTOROLA JAPAN LTD  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version, comments):*

RP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> RP-20: stopped
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-20: stopped
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>	

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 877

04 December 2003 12:04:28

WITHDRAWN specs 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	G: U: yes	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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	G: U: yes	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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	G: U: yes	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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> KÅLL, Jan	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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 30.808</b>	<b>Project plan on Packet Architecture and Circuit Architecture</b>					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DROPMANN, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 878

04 December 2003 12:04:28

WITHDRAWN specs 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 30.810 Project plan on Security**  
Rel-4 *current version: none*  
*freeze\_meeting: SP-11*  
*history (event, available, version, comments):*  
SP-05 24/10/1999 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
G: U: yes *MCC:* YOON, Sang-Ui

[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, comments):*  
SP-05 13/10/1999 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* SCHMERSEL, Rob CELLPOINT SYSTEMS AB  
G: U: yes *MCC:* YOON, Sang-Ui

[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, comments):*  
TP-15 28/03/2002 4 . 0 . 0 TP-16: withdrawn; only Rel-5 remains valid.

WG (prime / other): T3 / *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND  
G: U: yes *MCC:* DIETZE, Claus

[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)

---

**TS 32.104 3G Performance Management**  
Rel-4 *current version: none*  
*freeze\_meeting: SP-11*  
*history (event, available, version, comments):*  
SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-12

WG (prime / other): S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson  
G: U: yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*  
*remarks - this release:* SP-12: Split into several specs. 32.401, '402, '403.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 879

04 December 2003 12:04:28

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<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, comments):</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>					

---

<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, comments):</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.			

---

<b>TS 32.106-2</b>	<b>Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP); Information Service</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, comments):</i>								
					<i>remarks - general:</i>	TSG#8: split into eight parts			
					<i>remarks - this release:</i>	SP-12: withdrawn.			

---

<b>TS 32.106-3</b>	<b>Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Poin (IRP)t; Common Object Request Broker Architecture (CORBA)</b>								
Rel-4	<i>current version:</i> solution set	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, comments):</i>								
					<i>remarks - general:</i>	TSG#8: split into eight parts			
					<i>remarks - this release:</i>	SP-12: withdrawn.			

---

<b>TS 32.106-4</b>	<b>Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Poin (IRP); Common Management Information Protocol (CMIP) solution</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, comments):</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 access.



# 3GPP specification status

Page 880

04 December 2003 12:04:28

WITHDRAWN specs Rel-4 32 .- series  
Server location: [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 Rel-4 current version: Network Resource Model NRM))</b>	none	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	TOVINGER, Thomas
	Telefon AB LM Ericsson						
	<i>freeze_meeting:</i> SP-12	G:	<i>U:</i> yes	<i>MCC:</i>			ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>			TSG#8: split into eight parts
				<i>remarks - this release:</i>			SP-12: withdrawn.
<hr/>							
<b>TS 32.106-6</b>	<b>Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP): Common Object Request Broker Rel-4 current version: Architecture (CORBA) solution set</b>	none	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf
	SIEMENS AG						
	<i>freeze_meeting:</i> SP-12	G:	<i>U:</i> yes	<i>MCC:</i>			ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>			TSG#8: split into eight parts
				<i>remarks - this release:</i>			SP-12: withdrawn.
<hr/>							
<b>TS 32.106-7</b>	<b>Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP): Common Management Information Rel-4 current version: Protocol (CMIP) solution set</b>	none	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf
	SIEMENS AG						
	<i>freeze_meeting:</i> SP-12	G:	<i>U:</i> yes	<i>MCC:</i>			ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>			TSG#8: split into eight parts
				<i>remarks - this release:</i>			SP-12: withdrawn.
<hr/>							
<b>TS 32.106-8</b>	<b>Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects</b>		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	TOVINGER, Thomas
	Rel-4 current version: none						Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-11	G:	<i>U:</i> yes	<i>MCC:</i>			ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>			TSG#8: split into eight parts
	SP-11 28/03/2001 4 . 0 . 0			<i>remarks - this release:</i>			SP-12: withdrawn. See 32.600.
				<a href="#">get it</a>			
<hr/>							
<b>TS 32.111</b>	<b>3G Fault Management</b>		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	CICCHITTO, Gaetano
	Rel-4 current version: none						SIEMENS Mobile Communications S.p.A.
	<i>freeze_meeting:</i> SP-11	G:	<i>U:</i> yes	<i>MCC:</i>			ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>			TSG#8: split into 4 parts
	SP-11 28/03/2001 4 . 0 . 0			<i>remarks - this release:</i>			.
				<a href="#">get it</a>			

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 881

04 December 2003 12:04:28

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<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> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>	G: U: yes	MCC: ZOICAS, Adrian		
	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> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>	G: U: yes	MCC: YOON, Sang-Ui		
	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> ISLIP, John		Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i> NP-13	G: U: yes	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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. SP-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	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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/>					
<b>TS 32.301-2</b>	<b>Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service</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	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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> .	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 882

04 December 2003 12:04:29

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.301-3</b>	<b>Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)</b>	Rel-4	current version: solution set	none	WG (prime / other):	S5	/-	rapporteur:	SCHEER, Randal	Lucent Technologies
			freeze_meeting: SP-11	G:	U: yes	MCC:				
			history (event, available, version, comments):							
			SP-12 18/06/2001 2 . 0 . 0							
				<a href="#">get it</a>	remarks - general:	Replaces 32.106-3 SP-12: stopped. See 32.303.				
					remarks - this release:	.				
<hr/>										
<b>TS 32.301-4</b>	<b>Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: Common Management Information Protocol (CMIP) solution</b>	Rel-4	current version: none	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf	SIEMENS AG	
			freeze_meeting:	G:	U: yes	MCC:				
			history (event, available, version, comments):							
			SP-12 18/06/2001 2 . 0 . 0							
				<a href="#">get it</a>	remarks - general:	Replaces 32.106-4 SP-12: stopped. See 32..304.				
					remarks - this release:	.				
<hr/>										
<b>TS 32.312-1</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements</b>	Rel-4	current version: none	WG (prime / other):	S5	/	rapporteur:	N, A		Indicate persons who left Company and wait for new One
			freeze_meeting: SP-11	G: yes	U: yes	MCC:				
			history (event, available, version, comments):							
										remarks - general: -> 32.111
										remarks - this release: .
<hr/>										
<b>TS 32.402</b>	<b>Telecommunication management; Performance Management (PM); Performance measurements - GSM</b>	Rel-4	current version: none	WG (prime / other):	S5	/-	rapporteur:	NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND	
			freeze_meeting:	G: yes	U:	MCC:				
			history (event, available, version, comments):							
			SP-12 21/06/2001 1 . 0 . 0							
			SP-13 11/10/2001 2 . 0 . 0							
			SP-010467 approved as 52.042							
				<a href="#">get it</a>	remarks - general:	was 32.104 (pars). SP-13: replaced by 52.402.				
				<a href="#">get it</a>	remarks - this release:	.				
<hr/>										
<b>TS 32.601-1</b>	<b>Telecommunication management; Configuration Management (CM); Part 1: Basic CM Integration Reference Point (IRP): requirements</b>	Rel-4	current version: none	WG (prime / other):	S5	/-	rapporteur:	WILBER, John		
			freeze_meeting:	G: yes	U: yes	MCC:				
			history (event, available, version, comments):							
			SP-12 18/06/2001 2 . 0 . 0							
				<a href="#">get it</a>	remarks - general:	Replaces 32.106 (pars). SP-12: stopped. See 32.601.				
					remarks - this release:	.				

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 883

04 December 2003 12:04:29

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.601-2</b>	<b>Telecommunication management; Configuration Management (CM); Part 2: Basic CM Integration Reference Point (IRP) information model</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>	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	<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>	.
<hr/>				
<b>TS 32.601-3</b>	<b>Telecommunication management; Configuration Management (CM); Part 3: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)</b>			
Rel-4	<i>current version:</i> <b>solution set</b>	none	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> POLLAKOWSKI, Olaf
	SIEMENS AG			
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	<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>	.
<hr/>				
<b>TS 32.601-4</b>	<b>Telecommunication management; Configuration Management (CM); Part 4: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution</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>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Replaces 32.107 (pars) SP-12: stopped. See 32.604.
			<i>remarks - this release:</i>	.
<hr/>				
<b>TS 32.602-1</b>	<b>Telecommunication management; Configuration Management (CM); CMt: Bulk CM Integration Reference Point (IRP) requirements</b>			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	SP-12: stopped. See 32.611.
			<i>remarks - this release:</i>	.
<hr/>				
<b>TS 32.602-2</b>	<b>Telecommunication management; Configuration Management (CM); CMt: Bulk Configuration Management Integration Reference Point (IRP): Information service</b>			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	SP-12: stopped. See 32.612.
			<i>remarks - this release:</i>	.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 884

04 December 2003 12:04:29

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.602-3</b>	<b>Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Object Request Broker</b>					
Rel-4	<i>current version:</i> <b>Architecture (CORBA) solution set</b>	none	<i>WG (prime / other):</i>	S5	<i>/ rapporteur:</i>	BONNEAU, Frédéric
	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i>	G:	<i>U:</i> yes	<i>MCC:</i>		ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>					
	SP-12 18/06/2001 2 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	SP-12: stopped. See 32.613.	
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 32.602-4</b>	<b>Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Management Information</b>					
Rel-4	<i>current version:</i> <b>Protocol (CMIP) solution set</b>	none	<i>WG (prime / other):</i>	S5	<i>/ rapporteur:</i>	POLLAKOWSKI, Olaf
	SIEMENS AG					
	<i>freeze_meeting:</i>	G:	<i>U:</i> yes	<i>MCC:</i>		ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>					
	SP-12 18/06/2001 2 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	SP-12: stopped. See 32.614.	
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 32.602-5</b>	<b>Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): XML file format definition</b>					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	N, A
	<i>freeze_meeting:</i>					Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i>	G:	<i>U:</i> yes	<i>MCC:</i>		ZOICAS, Adrian
	SP-12 18/06/2001 2 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	SP-12: stopped. See 32.615.	
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 32.620-1</b>	<b>Telecommunication management; Configuration Management (CM); Part 1: Generic network resources Integration Reference Point (IRP): requirements</b>					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	PIRT, Trevor
	<i>freeze_meeting:</i>	G: yes	<i>U:</i> yes	<i>MCC:</i>		ZOICAS, Adrian
	<i>history (event, available, version, comments):</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 32.621.	
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 32.620-2</b>	<b>Telecommunication management; Configuration Management (CM); Part 2: Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)</b>					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	TOVINGER, Thomas
	<i>freeze_meeting:</i>	G: yes	<i>U:</i> yes	<i>MCC:</i>		ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>					
	SP-12 18/06/2001 2 . 0 . 0		<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>	.	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 885

04 December 2003 12:04:29

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.620-3</b>	<b>Telecommunication management; Configuration Management (CM); Part 3: Generic network resources Integration Reference Point (IRP): Common Object Request Broker</b>						
Rel-4	<i>current version:</i> <b>Architecture (CORBA) solution set</b>	none	<i>WG (prime / other):</i>	S5	/-	<i>rporteur:</i>	POLLAKOWSKI, Olaf
	SIEMENS AG						
	<i>freeze_meeting:</i>	G: yes	U: yes	<i>MCC:</i>			ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>						
	SP-12 18/06/2001 2 . 0 . 0		<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>	.		
<hr/>							
<b>TS 32.620-4</b>	<b>Telecommunication management; Configuration Management (CM); Part 4: Generic network resources: Integration Reference Point (IRP) Common Management Information</b>						
Rel-4	<i>current version:</i> <b>Protocol (CMIP) solution set</b>	none	<i>WG (prime / other):</i>	S5	/-	<i>rporteur:</i>	TOVINGER, Thomas
	Telefon AB LM Ericsson						
	<i>freeze_meeting:</i>	G: yes	U: yes	<i>MCC:</i>			ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>						
	SP-12 18/06/2001 2 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	Replaces 32.107 (pars) SP-12: stopped. See 32.624.		
				<i>remarks - this release:</i>	.		
<hr/>							
<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>WG (prime / other):</i>	S5 / -		<i>rporteur:</i>	PIRT, Trevor MOTOROLA Ltd
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>			ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>						
	SP-12 18/06/2001 2 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	Replaces 32.106 (pars).SP-12: stopped. See 32.631.		
				<i>remarks - this release:</i>	.		
<hr/>							
<b>TS 32.621-2</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> none		<i>WG (prime / other):</i>	S5 / -		<i>rporteur:</i>	TOVINGER, Thomas Telefon AB LM Ericsson
	<i>freeze_meeting:</i>	G: yes	U: yes	<i>MCC:</i>			ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>						
	SP-12 18/06/2001 2 . 0 . 0		<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>	.		
<hr/>							
<b>TS 32.621-3</b>	<b>Telecommunication management; Configuration Management (CM); Part 3: Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture</b>						
Rel-4	<i>current version:</i> <b>(CORBA) solution set</b>	none	<i>WG (prime / other):</i>	S5	/-	<i>rporteur:</i>	POLLAKOWSKI, Olaf
	SIEMENS AG						
	<i>freeze_meeting:</i>	G: yes	U: yes	<i>MCC:</i>			ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>						
	SP-12 18/06/2001 2 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	Replaces 32.106-6 (pars) SP-12: stopped. See 32.633.		
				<i>remarks - this release:</i>	.		

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 886

04 December 2003 12:04:30

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.621-4</b>	<b>Telecommunication management; Configuration Management (CM); Part 4: Core network resources Integration Reference Point (IRP): Common Management Information Protocol</b>
Rel-4	<i>current version:</i> (CMIP) solution set
Telefon AB LM Ericsson	none
	<i>WG (prime / other):</i> S5
	<i>rapporteur:</i> TOVINGER, Thomas
	<i>freeze_meeting:</i>
	G: yes U: yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>	
SP-12 18/06/2001 2 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.634.
	<i>remarks - this release:</i> .

---

<b>TS 32.622-1</b>	<b>Telecommunication management; Configuration Management (CM); Part 1: UTRAN network resources 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>
	G: U: yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</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 32.641.
	<i>remarks - this release:</i> .

---

<b>TS 32.622-2</b>	<b>Telecommunication management; Configuration Management (CM); Part 2: UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)</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>
	G: U: yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>	
SP-12 18/06/2001 2 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.642.
	<i>remarks - this release:</i> .

---

<b>TS 32.622-3</b>	<b>Telecommunication management; Configuration Management (CM); Part 3: UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker</b>
Rel-4	<i>current version:</i> Architecture (CORBA) solution set
SIEMENS AG	none
	<i>WG (prime / other):</i> S5
	<i>rapporteur:</i> POLLAKOWSKI, Olaf
	<i>freeze_meeting:</i>
	G: U: yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>	
SP-12 18/06/2001 2 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.
	<i>remarks - this release:</i> .

---

<b>TS 32.622-4</b>	<b>Telecommunication management; Configuration Management (CM); Part 4: UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol</b>
Rel-4	<i>current version:</i> (CMIP) solution set
Telefon AB LM Ericsson	none
	<i>WG (prime / other):</i> S5
	<i>rapporteur:</i> TOVINGER, Thomas
	<i>freeze_meeting:</i>
	G: U: yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>	
SP-12 18/06/2001 2 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.644.
	<i>remarks - this release:</i> .

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 887

04 December 2003 12:04:30

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.623-1</b>	<b>Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources 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>		G: U: yes	<i>MCC:</i>					ZOICAS, Adrian
	<i>history (event, available, version, comments):</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 32.651. <i>remarks - this release:</i> .
<hr/>									
<b>TS 32.623-2</b>	<b>Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)</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>		G: yes U:	<i>MCC:</i>					ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>								
	SP-12 18/06/2001 2 . 0 . 0							<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.652. <i>remarks - this release:</i> .
<hr/>									
<b>TS 32.623-3</b>	<b>Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set</b>								
Rel-4	<i>current version:</i> Architecture (CORBA) solution set	none	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>			POLLAKOWSKI, Olaf
	SIEMENS AG								
	<i>freeze_meeting:</i>		G: yes U:	<i>MCC:</i>					ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>								
	SP-12 18/06/2001 2 . 0 . 0							<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.653. <i>remarks - this release:</i> .
<hr/>									
<b>TS 32.623-4</b>	<b>Telecommunication management; Configuration Management (CM); Part 4: GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set</b>								
Rel-4	<i>current version:</i> (CMIP) solution set	none	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>			TOVINGER, Thomas
	Telefon AB LM Ericsson								
	<i>freeze_meeting:</i>		G: yes U:	<i>MCC:</i>					ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>								
	SP-12 18/06/2001 2 . 0 . 0							<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.654. <i>remarks - this release:</i> .

---

Rel-4 **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 access.





# 3GPP specification status

Page 889

04 December 2003 12:04:30

WITHDRAWN specs 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 41.102 GSM Release 4 specifications

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G: yes U:* *MCC:* POPE, Maurice

*history (event, available, version, comments):*

SP-10		1	.	0	.	0
SP-10	04/01/2001	1	.	0	.	1
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
post SP-16 editorial	25/06/2002	4	.	5	.	1
SP-17	18/09/2002	4	.	6	.	0
SP-18	03/01/2003	4	.	7	.	0
SP-19	27/03/2003	4	.	8	.	0
SP-20	25/06/2003	4	.	9	.	0

*remarks - general:* Né 41.001; renumbered at TSG#10. SP-20: Superseded by 41.101 Rel-4.  
*remarks - this release:* SP-20: Superseded by 41.101 Rel-4.

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

withdrawn -> 41.101

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 42.031 Fraud Information Gathering System (FIGS); 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  
*G: yes U:* *MCC:* POPE, Maurice

*history (event, available, version, comments):*

SP-11 10/04/2001 4 . 0 . 0 SP-18: withdrawn.

[get it](#) *remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.  
*remarks - this release:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 890

04 December 2003 12:04:31

WITHDRAWN specs 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* *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* SP-16: withdrawn in favour of 22.032.  
*remarks - this release:* SP-16: withdrawn in favour of 22.032.

---

**TS 42.048 Security mechanisms for the SIM Application Toolkit; Stage 1**  
Rel-4 *current version: none* *WG (prime / other):* T3 / S3 *rapporteur:* BARNES, Nigel MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* DIETZE, Claus  
*history (event, available, version, comments):*  
TP-11 09/04/2001 4 . 0 . 0 withdrawn at TP-12 [get it](#) *remarks - general:* TP-12: Becomes 22.048.  
*remarks - this release:* TP-12: Becomes 22.048.

---

**TS 42.053 Tandem Free Operation (TFO); Service description; Stage 1**  
Rel-4 *current version: none* *WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
*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)

---

**TS 43.031 Fraud Information Gathering System (FIGS); Service description; Stage 2**  
Rel-4 *current version: none* *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
SP-11 10/04/2001 4 . 0 . 0 SP-18: withdrawn. [get it](#) *remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5  
*remarks - this release:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. -> 23.031.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 891

04 December 2003 12:04:31

WITHDRAWN specs 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>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, comments):</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.						
<hr/>									
<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, comments):</i> post-NP-14 23/01/2002 4 . 0 . 0	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.	<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.						
<hr/>									
<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, comments):</i> TP-11 09/04/2001 4 . 0 . 0	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus						
	withdrawn at TP-12	<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.						
<hr/>									
<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, comments):</i> GP-02 05/01/2001 4 . 0 . 0	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	GP-08: withdrawn	<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						
<hr/>									
<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, comments):</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 withdraw.						
			<i>remarks - this release:</i> 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to withdraw.						

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 892

04 December 2003 12:04:31

WITHDRAWN specs Rel-4 43 .- series  
Server location: [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:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
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, comments):*  
NP-11 11/04/2001 4 . 0 . 0 withdrawn NP-15 [get it](#) *remarks - general:*  
*remarks - this release:* withdrawn at NP-15.

---

## TS 44.063 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
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 access.

# 3GPP specification status

Page 893

04 December 2003 12:04:31

WITHDRAWN specs Rel-4 48 .- series  
Server location: [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 S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):*

*remarks - general:* -> 28.062  
*remarks - this release:* -> 28.062

---

Rel-4 **49** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

---

**TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**

Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* Skov  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, comments):*

*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)

---

**TS 50.043 Support of Localised Service Area (SoLSA); Work Item Status**

Rel-4 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* 2001-April:Clayton: stopped.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 894

04 December 2003 12:04:31

WITHDRAWN specs Rel-4 50 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

---

<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> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-11 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.		
<hr/>						
<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, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i>	Usai Apr-2001: will never be produced.		
<hr/>						
<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> BLADSSJO, David	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 numbered	
Rel-5. GP-12:	Rel-5 frozen, so draft moved to Rel-6.					
	draft 02/04/2000 0 . 0 . 2		<a href="#">get it</a>		and were not subsequent at all, so do not appear in history; latest draft is ex	
					GERAN#4 = 006. 2002-01-23: Usai indicates "stopped".	
	draft 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	2002-01-23: Usai indicates "stopped".	<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	GP-021208	<a href="#">get it</a>			
	draft 17/09/2002 0 . 0 . 20		<a href="#">get it</a>			
GP-12	26/11/2002 0 . 23 . 0	GP-023436	<a href="#">get it</a>			

---

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 895

04 December 2003 12:04:32

WITHDRAWN specs Rel-4 52 .- series  
Server location: [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 52.071 Location Services (LCS); Location services (LCS) 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, comments):*  
SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-13 [get it](#) *remarks - general:*  
SP-13 03/10/2001 4 . 1 . 0 This is the version declaring itself to be [get it](#) *remarks - this release:* SP-13: withdrawn - see SP-010472.  
withdrawn. A sort of non-version.  
Anti-bootstrapping (autointerment?)

## 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 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
*freeze\_meeting:* *G:* yes *U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-32 20/06/2000 9 . 0 . 0 [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 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
*freeze\_meeting:* *G:* yes *U:* *MCC:* CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-32 20/06/2000 9 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 896

04 December 2003 12:04:32

WITHDRAWN specs R00 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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

*WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom  
GP  
*G:* yes *U:* *MCC:* POPE, Maurice

*history (event, available, version, comments):*  
smg-32 16/01/2001 9 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 03.51 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2**

R00 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version, comments):*

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation  
*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:* -> 43.051  
*remarks - this release:* .

---

**TS 03.59 Location services (LCS) GERAN; Stage 2**

R00 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version, comments):*  
draft 30/05/2000 0 . 0 . 1

*WG (prime / other):* G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation  
*G:* yes *U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* replaced by 43.059

---

**TS 03.68 Voice Group Call Service (VGCS); Stage 2**

R00 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version, comments):*  
smg-32 20/06/2000 9 . 0 . 0

*WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*G:* yes *U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
*remarks - this release:* #32:9.0.0 TSG#8:9.0.0->43.068v4.0.0

---

**TS 03.69 Voice Broadcast service (VBS); Stage 2**

R00 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version, comments):*  
smg-30 20/06/2000 9 . 0 . 0

*WG (prime / other):* N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH  
*G:* yes *U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
*remarks - this release:* #32:9.0.0 TSG#8:9.0.0->43.069v4.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 897

04 December 2003 12:04:32

WITHDRAWN specs R00 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

R00 04 .- series Server location: [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 (RRC) protocol**

R00 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* *G:* yes *U:* *MCC:* THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-32 20/06/2000 9 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:* Aug00: replaced by 44.018

---

**TS 04.68 Group Call Control (GCC) Protocol**

R00 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* *G:* yes *U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-32 20/06/2000 9 . 0 . 0 >44.069v4.0.0

[get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 04.69 Broadcast Call Control (BCC) protocol**

R00 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* *G:* yes *U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-32 20/06/2000 9 . 0 . 0 ->44.069v4.0.0

[get it](#) *remarks - general:*  
*remarks - this release:*

---

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 access.

# 3GPP specification status

Page 898

04 December 2003 12:04:32

WITHDRAWN specs R00 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

R00 *current version: none* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert

*history (event, available, version, comments):*

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31b	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: N, A

*history (event, available, version, comments):*

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 access.

# 3GPP specification status

Page 899

04 December 2003 12:04:33

WITHDRAWN specs R00 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

R00 *current version: none* *freeze\_meeting:* WG (prime / other): G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version, comments):*

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 replaced  
[get it](#) *remarks - this release:* #32:9.0.0->51.010-1v4.0.1 by Rel-5 equivalent. 2001-11-19: G4->G5.

---

## TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R00 *current version: none* *freeze\_meeting:* WG (prime / other): G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version, comments):*

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, comments):*

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 access; U = required in systems with UMTS access.

## 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, comments):*  
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, comments):*  
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, comments):*  
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 901

04 December 2003 12:04:33

WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.02</b>	<b>Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)</b>								
R99	<i>current version:</i> none	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-06	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-29 25/06/1999 8 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 02.03</b>	<b>Teleservices Supported by a GSM Public Land Mobile Network (PLMN)</b>								
R99	<i>current version:</i> none	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-06	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-30 11/11/1999 8 . 0 . 0 withdrawn			<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i> #30: 8.0.0 TSG#6->3g				
<hr/>									
<b>TS 02.04</b>	<b>General on Supplementary Services</b>								
R99	<i>current version:</i> none	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-06	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-28 12/02/1999 8 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-29 26/06/1999 8 . 1 . 0 withdrawn (becomes 22.004)			<a href="#">get it</a>	<i>remarks - this release:</i>				
<hr/>									
<b>TS 02.07</b>	<b>Mobile Station (MS) Features</b>								
R99	<i>current version:</i> none	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	JEAL, David	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-06	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-29 25/06/1999 8 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-30 8 . 1 . 0 withdrawn. The text for 02.07 was moved to 22.001 and to 22.101; see CR 22.101-028 which resulted in version 3.8.0 and CR 22.100-001 which resulted in version 3.1.0.				<i>remarks - this release:</i> TSG#6: withdrawn				
<hr/>									
<b>TS 02.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 1</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:		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	Upgrade to R99 30/06/2000 8 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>				
	ETSI publication 05/06/2001 8 . 0 . 1 SP-18: Withdrawn in favour of 22.031.			<a href="#">get it</a>	<i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.				

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 902

04 December 2003 12:04:33

WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.32</b>	<b>Immediate Service Termination (IST); Service description; Stage 1</b>					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i> Upgrade to R99 14/02/2000 8 . 0 . 0 ETSI publication 05/06/2001 8 . 0 . 1			<a href="#">get it</a> <i>remarks - general:</i> <a href="#">get it</a> <i>remarks - this release:</i> SP-16: withdrawn in favour of 22.032 R99.		
<hr/>						
<b>TS 02.34</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i> smg-28 12/02/1999 8 . 0 . 0 smg-29 25/06/1999 8 . 1 . 0 withdrawn -> 22.034			<a href="#">get it</a> <i>remarks - general:</i> <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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / SCP	<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> Moved from T3 Jan-00. <i>remarks - this release:</i> Placeholder - no spec.		
<hr/>						
<b>TS 02.40</b>	<b>Procedures for Call Progress Indications</b>					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i> smg-30 11/11/1999 8 . 0 . 0 withdrawn. The text for 02.40 was moved <a href="#">get it</a> <i>remarks - general:</i> to 22.001. refer to CR 22.001-001 which <i>remarks - this release:</i> R99 -> 22.101 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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les		Union Internationale des Chemins de Fer	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 903

04 December 2003 12:04:34

WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.57</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	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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)
<hr/>						
<b>TS 02.60</b>	<b>General Packet Radio Service Stage 1 Description</b>					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 8 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
	smg-29 25/06/1999 8 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i> #28: 8.0.0 #29: 8.1.0 (deleted, moved to 3GPP)
<hr/>						
<b>TS 02.78</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)</b>					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 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)
<hr/>						
<b>TS 02.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 8 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 8.0.0 (to be deleted, moved to 3GPP)
<hr/>						
<b>TS 02.90</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 1</b>					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SLOTTE, Sverre	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 8 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 8.0.0 (to be deleted, moved to 3GPP)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 904

04 December 2003 12:04:34

WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.94 Follow Me Service description; Stage 1

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*  
smg-28 1 . 0 . 0  
smg-30 11/11/1999 8 . 0 . 0 Withdrawn wef SP-21

WG (*prime / other*): S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* 2003-07-21 (Clayton): S1 have decided to scrap this spec in favour of a common  
*remarks - this release:* #28: 1.0.0 #30: 8.0.0 August 2001: still debating whether this is GSM-only or common.

2003-07-21 (Clayton): S1 have decided to scrap this spec in favour of a common GSM/UMTS spec, 22.094.

R99 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.01 Network Functions

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*  
Upgrade to R99 30/06/2000 8 . 0 . 0

WG (*prime / other*): S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
G: yes U: *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:* SMG3->SA2 @ TSG#7  
*remarks - this release:* Never produced; make do with R98 version.

## TS 03.31 Fraud Information Gathering System (FIGS); Service description; Stage 2

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*  
Upgrade to R99 30/06/2000 8 . 0 . 0 SP-18: withdrawn

WG (*prime / other*): S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:* 2001-09-03: S3 secretary reports that this spec is not mature enough for official  
*remarks - this release:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. publication. Work continues

in 43.031. SP-18: in fact, in 23.031.

## TS 03.35 Immediate Service Termination (IST); Stage 2

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*  
Upgrade to R99 30/06/2000 8 . 0 . 0  
SP-11 04/04/2001 8 . 1 . 0

WG (*prime / other*): S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* SP-16: withdrawn in favour of 23.035 R99.

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 905

04 December 2003 12:04:34

WITHDRAWN specs 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 03.43</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, comments):</i>								
	frozen at v7 20/11/2000 8 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>	
	(withdrawn)							<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, comments):</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, comments):</i>								
	Upgrade to R99 30/06/2000 8 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	
<hr/>									
<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>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH				
	<i>freeze_meeting:</i> SP-06		G: yes U:	MCC:	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	Upgrade to R99 30/06/2000 8 . 0 . 0						<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>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROBERTS, Martin	Nortel				
	<i>freeze_meeting:</i> SP-06		G: yes U:	MCC:	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	Upgrade to R99 01/05/2000 8 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i> Never produced; make do with R98 version.	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 906

04 December 2003 12:04:34

WITHDRAWN specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2**  
R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-31 16/02/2000 8 . 0 . 0 NP-15 withdrawn [get it](#) *remarks - general:*  
*remarks - this release:* TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

---

**TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2**  
R99 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #28: 8.0.0 (to be deleted, moved to 3GPP)

---

R99 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](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 Switching**  
R99 *current version:* Centre (BSS - MSC) interface none *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert  
SIEMENS AG *G: yes U:* *MCC:* BOSWARTHICK, David  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*  
smg-29 25/06/1999 8 . 0 . 0 withdrawn [get it](#) *remarks - general:*  
*remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

---

**TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3**  
R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-31 16/02/2000 8 . 0 . 0  
Editorial correction 27/04/2000 8 . 0 . 1 NP-15 withdrawn [get it](#) *remarks - general:*  
*remarks - this release:* TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 907

04 December 2003 12:04:35

WITHDRAWN specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.94 Follow Me Service description; Stage 3

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*

*WG (prime / other):* - / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*G: yes U:* *MCC:* N, A

*remarks - general:* TF139 proposes to abandon; not needed. USSD does all.  
*remarks - this release:* scrapped whilst still on starting block

---

R99 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.14 Release independent frequency bands; Implementation guidelines

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*

*WG (prime / other):* G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.  
*remarks - this release:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. R99  
Changed from G2 to G1 at same time.  
will not be produced (source: Usai 2001-01-05)

---

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  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*  
smg-29 25/06/1999 8 . 0 . 0 withdrawn -> 27.001

*WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*G: yes U:* *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*  
*remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 908

04 December 2003 12:04:35

WITHDRAWN specs R99 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
smg-29 25/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

---

## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
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, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
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)

---

## TS 09.07 General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network

R99 *current version:* (PSTN) none *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert  
SIEMENS AG  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, comments):*  
smg-29 25/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 909

04 December 2003 12:04:35

WITHDRAWN specs R99 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.14</b>	<b>Application of ISDN User Part (ISUP) Version 3 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol</b>
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06 <i>history (event, available, version, comments):</i> WITHDRAWN 29/05/2000 8 . 0 . 0
	<i>WG (prime / other):</i> SPAN / N4 <i>G:</i> yes <i>U:</i>
	<i>rapporteur:</i> SPORTON, Simon VODAFONE Group Plc <i>MCC:</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.

---

<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>freeze_meeting:</i> SP-06 <i>history (event, available, version, comments):</i> smg-29 25/06/1999 8 . 0 . 0
	<i>WG (prime / other):</i> N1 / - <i>G:</i> yes <i>U:</i>
	<i>rapporteur:</i> MILLS, Duncan VODAFONE Group Plc <i>MCC:</i> JORGENSEN, Per Johan
	<a href="#">get it</a> <i>remarks - general:</i> <i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)

---

<b>TR 09.94</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) faults</b>
R99	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version, comments):</i>
	<i>WG (prime / other):</i> N1 / - <i>G:</i> yes <i>U:</i>
	<i>rapporteur:</i> ANDERSEN, Niels Peter MOTOROLA A/S Skov <i>MCC:</i> JORGENSEN, Per Johan
	<i>remarks - general:</i> <i>remarks - this release:</i> 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version. 2002-05-07 (Hietalahti): scrap R99 in favour of 29.994.

---

R99

10 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

<b>TR 10.43</b>	<b>Support of Localised Service Area (SoLSA); Work Item Status</b>
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06 <i>history (event, available, version, comments):</i> draft 17/04/1998 1 . 2 . 0 empty! smg-28 30/06/1999 1 . 11 . 0
	<i>WG (prime / other):</i> S1 / - <i>G:</i> yes <i>U:</i>
	<i>rapporteur:</i> KOKKOLA, Tommi NOKIA Corporation <i>MCC:</i> CLAYTON, Michael
	<a href="#">get it</a> <i>remarks - general:</i> <a href="#">get it</a> <i>remarks - this release:</i> #25: 1.11.0 #30b: 1.11.0 2001-April:Clayton: stopped.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 910

04 December 2003 12:04:35

WITHDRAWN specs R99 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>				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm/Vodafone D2 GmbH		
	<i>freeze_meeting:</i> SP-06				
		G: yes U:	MCC: RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	WITHDRAWN 14/03/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references		
			<i>remarks - this release:</i> No R99 impact.		
<hr/>					
<b>TR 10.76</b>	<b>Noise suppression for the AMR codec; Project scheduling and open issues</b>				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-06				
		G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	draft 15/08/1999 0 . 0 . 8	<a href="#">get it</a>	<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped".		
	draft 15/10/1999 1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> 2002-01-23: Usai indicates "stopped".		
	2002-01-23: Usai indicates "stopped".				
<hr/>					
<b>TS 10.89</b>	<b>GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;</b>				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ISAACS, Ken		SIEMENS AG
	<i>freeze_meeting:</i> SP-06				
		G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	draft 14/03/2000 0 . 0 . 3	<a href="#">get it</a>	<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped".		
	draft 08/04/2000 0 . 0 . 4	<a href="#">get it</a>	<i>remarks - this release:</i> 2002-01-23: Usai indicates "stopped".		
	draft 19/04/2000 0 . 0 . 5	<a href="#">get it</a>			
	draft 04/08/2000 0 . 0 . 6	<a href="#">get it</a>			
	2002-01-23: Usai indicates "stopped".				

---

R99 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.10-2</b>	<b>Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification</b>				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> G3ne / S1 /	<i>rapporteur:</i> SALMERON, Lidia		TELEPLUS LIMITED
	<i>freeze_meeting:</i> SP-06				
			NP /		
			T2 /		
			SCP		
		G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	Upgrade to R99 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		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 911

04 December 2003 12:04:35

WITHDRAWN specs R99 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**  
R99 *current version:* none *WG (prime / other):* G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* SP-06 NP /  
T2 /  
SCP  
G: yes U: MCC: CLAYTON, Michael  
*history (event, available, version, comments):*  
Upgraded to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* skipped straight to R00.

---

**TS 11.18 Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface**  
R99 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA Corporation  
*freeze\_meeting:* SP-06 G: yes U: MCC: DIETZE, Claus  
*history (event, available, version, comments):*  
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* Sanders Oct 2000: Effectively replaced by 31.101.

---

R99 21 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

**TS 21.010 reserved**  
R99 *current version:* none *WG (prime / other):* SP / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-06 G: U: yes MCC: POPE, Maurice  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* 3.0.0 dates from June 99

---

**TS 21.100 3G specification handling procedures**  
R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-06 G: U: yes MCC: N, A  
*history (event, available, version, comments):*  
SP-08 28/06/2000 1 . 0 . 0 [get it](#) *remarks - general:* Knobbled prior to SA#8.  
*remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 912

04 December 2003 12:04:36

WITHDRAWN specs R99 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

**TS 21.906 reserved**  
R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*  
First complete draft 04/03/1999 0 . 0 . 0  
SP-03 3 . 0 . 0

*WG (prime / other):* - /  
G: U: yes

*rapporteur:* CLAYTON, Michael EMCOM Ltd  
*MCC:* N, A

[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, comments):*  
SP-05 13/10/1999 3 . 0 . 1  
SP-08 28/06/2000 3 . 1 . 0

*WG (prime / other):* S1 / -  
G: yes U: yes

*rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* Transfer>TSG#4  
[get it](#) *remarks - this release:* Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.

---

---

**TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1**  
R99 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version, comments):*  
SP-06 3 . 0 . 0

*WG (prime / other):* S4 / -  
G: yes U: yes

*rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*MCC:* USAI, Paolino

*remarks - general:* Transfer>TSG#4.  
*remarks - this release:* 2001-01-22: Scrapped. 02.53 is retained.

---

---

**TR 22.907 Terminal concepts**  
R99 *current version:* none  
*freeze\_meeting:* SP-03  
*history (event, available, version, comments):*  
Table of Contents 19/10/1997 0 . 0 . 2  
and Scope  
First complete draft 19/12/1997 1 . 0 . 0  
WG approval 15/02/1998 2 . 0 . 0  
smg-25 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):* - / -  
G: U: yes

*rapporteur:* TOLVANEN, Mika NOKIA MOBILE PHONES  
*MCC:* N, A

[get it](#) *remarks - general:* CR at TSG#4 Not maintained  
*remarks - this release:* Withdrawn (Clayton 2000-02-11)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 913

04 December 2003 12:04:36

WITHDRAWN specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

## TR 22.924 Charging and accounting mechanisms

R99 *current version:* none  
*freeze\_meeting:* SP-03

*WG (prime / other):* - / - *rapporteur:* MONTEGROSSO, TELECOM ITALIA S.p.A.  
Emanuele

*G:* *U:* yes *MCC:* N, A

*history (event, available, version, comments):*

Table of Contents and Scope	19/10/1997	0	0	1
First complete draft	19/12/1997	1	2	1
WG approval	15/02/1997	2	0	0
smg-25	20/03/1998	3	0	0
smg-28	15/02/1999	3	1	0
SP-03	23/04/1999	3	1	1

[get it](#) *remarks - general:*  
*remarks - this release:* .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## 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  
N, A

*G:* *U:* yes *MCC:* N, A

*history (event, available, version, comments):*

First complete draft	13/06/1997	1	1	0
WG approval	19/12/1997	2	0	0
smg-25	20/03/1998	3	0	0
SP-03	23/04/1999	3	1	1

[get it](#) *remarks - general:*  
*remarks - this release:* .

[get it](#)

[get it](#)

[get it](#)

---

## 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:* N, A

*history (event, available, version, comments):*

Table of Contents and Scope	17/10/1997	0	0	4
First complete draft	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:*  
*remarks - this release:* .

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 914

04 December 2003 12:04:36

WITHDRAWN specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

## TR 22.970 Virtual Home Environment Report

R99 *current version:* none  
*freeze\_meeting:* SP-03  
*history (event, available, version, comments):*  
Table of Contents 19/10/1997 0 . 0 . 7  
and Scope  
First complete draft 19/12/1997 1 . 0 . 0  
WG approval 15/02/1998 2 . 0 . 0  
smg-25 20/03/1998 3 . 0 . 0  
SP-03 23/04/1999 3 . 0 . 1

*WG (prime / other):* - / - *rapporteur:* OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited  
*G:* *U:* yes *MCC:* N, A

[get it](#) *remarks - general:*  
*remarks - this release:* .  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TR 22.972 Circuit-switched multimedia

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*  
First complete draft 23/04/1999 0 . 0 . 0

*WG (prime / other):* - / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G:* *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* Title grows "cct sw".  
*remarks - this release:* Withdrawn (Clayton 2000-02-11)

---

R99

23 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.010 GSM Public Land Mobile Network (PLMN) Connection Types

R99 *current version:* none  
*freeze\_meeting:* SP-08  
*history (event, available, version, comments):*  
SP-03 30/05/1999 3 . 0 . 0

*WG (prime / other):* - / - *rapporteur:* DETTNER, Harald SIEMENS AG  
*G:* *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* superseded by 23.910  
*remarks - this release:* TSG#7:3.0.0 - later scrapped

---

## TS 23.022 Functions related to Mobile Station (MS) in idle mode and group receive mode

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*  
SP-03 23/04/1999 3 . 0 . 0  
SP-04 23/06/1999 3 . 1 . 0

*WG (prime / other):* - / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*G:* yes *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* Superseded by 23.122  
*remarks - this release:* 3.1.0 dates from June 99  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 915

04 December 2003 12:04:37

WITHDRAWN specs 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 23.043</b>	<b>Support of Videotex</b>				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i> SP-03 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>WG (prime / other):</i> - / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i> SP-03 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 23.045</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	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</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	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</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 One	
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i> NP-03 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.

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 916

04 December 2003 12:04:37

WITHDRAWN specs 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 23.069</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	<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version, comments):</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>Routeing 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 One	
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i>	N, A	
	<i>history (event, available, version, comments):</i>				
	SP-03 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	
<hr/>					
<b>TS 23.071</b>	<b>Location Services (LCS); Functional description; Stage 2</b>				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> STEER, David G	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i>	N, A	
	<i>history (event, available, version, comments):</i>				
	SP-04 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>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>				
	NP-05 13/10/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.	
	edito 06/06/2000 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	SP-16: reverts to 03.73 since applies to GERAN systems only.	
	SP-16: reverts to 03.73 since applies to GERAN systems only.				

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 917

04 December 2003 12:04:37

WITHDRAWN specs 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 23.920</b>	<b>Evolution of the GSM platform towards UMTS</b>				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-08	G: yes U: yes	MCC: N, A		
<i>history (event, available, version, comments):</i>					
	Table of Contents and Scope	17/10/1999	0 . 0 . 3	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> Stopped TSG#6
	Transfer to SP SA	04/03/1999	0 . 6 . 1	<a href="#">get it</a>	
	SP-03	23/04/1999	1 . 0 . 0	<a href="#">get it</a>	
	WG approval	01/04/1999	1 . 0 . 0	<a href="#">get it</a>	
	First complete draft	01/04/1999	1 . 0 . 0	<a href="#">get it</a>	
	SP-04	23/06/1999	3 . 0 . 0	<a href="#">get it</a>	
	SP-05	13/10/1999	3 . 1 . 0	<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>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	MCC: YOON, Sang-Ui		
<i>history (event, available, version, comments):</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.
<hr/>					
<b>TR 23.925</b>	<b>UMTS Core network based ATM transport</b>				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROUZ, Adel	FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	MCC: YOON, Sang-Ui		
<i>history (event, available, version, comments):</i>					
	Table of Contents and Scope	22/04/1999	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn. <i>remarks - this release:</i> SP-20: stopped SP-20: stopped
	SP-03	23/04/1999	0 . 2 . 0	<a href="#">get it</a>	
<hr/>					
<b>TR 23.927</b>	<b>VHE, Open Service Architecture (OSA)</b>				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	MCC: N, A		
<i>history (event, available, version, comments):</i>					
	First complete draft	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Replaced by 23.127
	SP-03	23/04/1999	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> Withdrawn (Clayton 2000-02-11).

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 918

04 December 2003 12:04:37

WITHDRAWN specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TR 23.960 Framework of network functions to support multimedia services

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* GABE, Axel SIEMENS AG  
*freeze\_meeting:* SP-06 *G:* yes *U:* yes *MCC:* N, A  
*history (event, available, version, comments):*  
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, comments):*  
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 (SNDCP)

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
NP-03 23/04/1999 3 . 0 . 0  
NP-04 27/05/1999 3 . 1 . 0

[get it](#) *remarks - general:* Scrapped: is GSM only  
[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.

---

## TS 24.068 Group Call Control (GCC) Protocol

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-06 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
NP-03 3 . 0 . 0  
NP-04 3 . 1 . 0

*remarks - general:* GSM only for R99.  
*remarks - this release:* GSM only for R99.

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 919

04 December 2003 12:04:38

WITHDRAWN specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

**TS 24.069 Broadcast Call Control (BCC) protocol**

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*  
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, comments):*

*WG (prime / other):* - / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG  
*G:* *U:* yes *MCC:* N, A

*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, comments):*

*WG (prime / other):* - / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G:* yes *U:* yes *MCC:* N, A

*remarks - general:* No draft. Anyway, should have been 23.053.  
*remarks - this release:* no draft ever materialised

---

**TS 25.103 RF parameters in support of RRM**

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*  
First complete draft 04/03/1999 0 . 0 . 0  
NP-03 23/04/1999 0 . 1 . 0  
NP-04 23/06/1999 1 . 0 . 0  
NP-05 13/10/1999 2 . 0 . 0

*WG (prime / other):* - / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.  
*G:* yes *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* Withdrawn in favour of 25.123 & 25.133  
[get it](#) *remarks - this release:* Withdrawn  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 920

04 December 2003 12:04:38

WITHDRAWN specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TR 25.831</b>	<b>Study Items for future release</b>					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</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-19 (post R3-31): stopped.		
<hr/>						
<b>TR 25.923</b>	<b>Stage 2 Functional Specification of Location Services in UTRAN</b>					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> STEER, David G	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</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>				
<hr/>						
<b>TR 25.926</b>	<b>UE Radio Access capabilities definition</b>					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LUNDSJÖ, Johan	Ericsson AB		
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</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>				
<hr/>						
<b>TR 25.990</b>	<b>Vocabulary for UTRAN</b>					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> 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, comments):</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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 921

04 December 2003 12:04:38

WITHDRAWN specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

R99 26 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

**TS 26.075 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec**

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-07 *G:* yes *U:* yes *MCC:* N, A

*history (event, available, version, comments):*

SP-03	23/04/1999	0	.	0	.	0	
SP-06	17/12/1999	1	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> Created TSG#6. Replaced by '975 at TSG#7.
SP-05	13/10/1999	1	.	0	.	0	<a href="#">get it</a> <i>remarks - this release:</i> replaced by 26.975
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>

---

**TS 26.112 Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements**

R99 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* USAI, Paolino

*history (event, available, version, comments):*

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>

---

**TS 26.115 Echo control for speech and multi-media services**

R99 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* USAI, Paolino

*history (event, available, version, comments):*

Creation of WI by WG/TB	02/02/2000	0	.	0	.	1	<a href="#">get it</a> <i>remarks - general:</i>
							<i>remarks - this release:</i> Feb00: 0.0.1 - Withddrawn in favour of 26.915; will be reinstated for Rel-4.

---

**TS 26.121 Technical Specification for Tandem Free Operation within 3G networks**

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* OHANA, Alain Cingular Wireless LLC  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* N, A

*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 922

04 December 2003 12:04:38

WITHDRAWN specs 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 26.122</b>	<b>Technical Specification for Tandem Free Operation between 3G and 2G 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-07	G: U: yes	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 26.133</b>	<b>Wide band speech telephony terminal acoustic characteristics</b>					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 access.

# 3GPP specification status

Page 923

04 December 2003 12:04:39

WITHDRAWN specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

**TS 26.137 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 S.p.A.  
*freeze\_meeting: SP-06* G: U: yes MCC: USAI, Paolino  
*history (event, available, version, comments):*  
*remarks - general: Stopped: Included in 26.131 & '132.*  
*remarks - this release: .*

---

**TS 26.138 Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony**  
R99 *current version: none* WG (prime / other): S4 / rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting: SP-06* G: U: yes MCC: USAI, Paolino  
*history (event, available, version, comments):*  
*remarks - general: Stopped: Included in 26.131 & '132.*  
*remarks - this release: .*

---

**TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G**  
R99 *current version: none* WG (prime / other): S4 / - rapporteur: HONKO, Harri NOKIA Corporation  
*freeze\_meeting: SP-06* G: U: yes MCC: USAI, Paolino  
*history (event, available, version, comments):*  
SP-03 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, comments):*  
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 access.

# 3GPP specification status

Page 924

04 December 2003 12:04:39

WITHDRAWN specs R99 29 .- series  
Server location: [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	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</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	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</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	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BRAUN, Achim	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</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		
<hr/>					
<b>TR 29.993</b>	<b>Modifications to be incorporated in equipment to cater for errors in the standards</b>				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> RP / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i> RP-19: stopped.		
			<i>remarks - this release:</i> .		

---

---

R99

30 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 925

04 December 2003 12:04:39

WITHDRAWN specs R99 30 .- series  
Server location: [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:* none WG (prime / other): R3 / - *rapporteur:* KRAUSE, Joern SIEMENS AG

*freeze\_meeting:* SP-06 G: U: yes *MCC:* KRAUSE, Joern

*history (event, available, version, comments):*

draft	15/02/1999	0 . 0 . 1	<a href="#">get it</a>
draft	15/03/1999	0 . 0 . 2	<a href="#">get it</a>
draft	15/04/1999	0 . 0 . 3	<a href="#">get it</a>
RP-03	23/04/1999	0 . 1 . 0	<a href="#">get it</a>
draft	15/05/1999	0 . 1 . 1	<a href="#">get it</a>
RP-04	23/06/1999	0 . 1 . 2	<a href="#">get it</a>
RP-05	13/10/1999	0 . 3 . 1	<a href="#">get it</a>
draft	30/10/1999	0 . 3 . 2	<a href="#">get it</a>
draft	15/11/1999	0 . 4 . 0	<a href="#">get it</a>
draft	30/11/1999	0 . 4 . 1	<a href="#">get it</a>
RP-06	12/12/1999	0 . 5 . 0	<a href="#">get it</a>
draft	15/01/2000	0 . 5 . 1	<a href="#">get it</a>
draft	15/02/2000	0 . 6 . 0	<a href="#">get it</a>
draft	20/02/2000	0 . 6 . 1	<a href="#">get it</a>
RP-07	15/03/2000	0 . 7 . 0 RP-000142	<a href="#">get it</a>
draft	30/03/2000	0 . 7 . 1	<a href="#">get it</a>
RP-08	23/06/2000	0 . 8 . 0	<a href="#">get it</a>
RP-09	15/08/2000	0 . 8 . 1	<a href="#">get it</a>
RP-09	03/10/2000	0 . 8 . 2	<a href="#">get it</a>
RP-10		0 . 8 . 5 RP-000688	
draft	21/12/2000	0 . 8 . 6	<a href="#">get it</a>
RP-11	27/03/2001	0 . 8 . 8	<a href="#">get it</a>
RP-12	05/07/2001	0 . 9 . 0 RP-010388	<a href="#">get it</a>
RP-13	01/10/2001	0 . 9 . 2 RP-010604	<a href="#">get it</a>
draft	23/11/2001	0 . 9 . 3 R3-013076	<a href="#">get it</a>

*remarks - general:*

*remarks - this release:* 2003-01-14: R99 stopped. Work continues, but for later Release. Skip straight to

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 access.

# 3GPP specification status

Page 926

04 December 2003 12:04:39

WITHDRAWN specs R99 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

R99 *current version:* none *WG (prime / other):* T3 / *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* TP-12 *G:* *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version, comments):*

TP-11	05/04/2001	1	.	0	.	0	Thought to have been approved as 3.0.0, <a href="#">get it</a> <i>remarks - general:</i> but in fact was not! (JMM after Sanders 2001-05-16) <i>remarks - this release:</i> TP-16: withdrawn; only Rel-5 remains valid.
TP-12		2	.	0	.	0	TP-010113
TP-12	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	TP-16: withdrawn; only Rel-5 remains valid. <a href="#">get it</a>

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 *WG (prime / other):* - / - *rapporteur:* SJÖBLOM, Kai NOKIA Corporation  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* N, A

*history (event, available, version, comments):*

*remarks - general:* Existence deduced from STF139 programme. But denied by Sjöblom.  
*remarks - this release:* Not to be produced.

## TS 32.106 Configuration Management

R99 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version, comments):*

SP-05	13/10/1999	1	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> TSG#8: split into eight parts
SP-06	17/12/1999	1	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> SP-08: multipart split from parent 3.0.1
SP-07		2	.	0	.	0	
SP-07	17/03/2000	3	.	0	.	0	<a href="#">get it</a>
Editorial	17/03/2000	3	.	0	.	1	withdrawn SP-08 <a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 927

04 December 2003 12:04:40

WITHDRAWN specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.111 3G Fault Management

R99 *current version:* none  
*freeze\_meeting:* SP-08  
*history (event, available, version, comments):*

SP-05	13/10/1999	1	.	0	.	0	
SP-06	17/12/1999	1	.	1	.	0	<a href="#">get it</a> <i>remarks - general:</i> TSG#8: split into 4 parts
SP-07	17/03/2000	3	.	0	.	0	<a href="#">get it</a> <i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1
Editorial	17/03/2000	3	.	0	.	1	<a href="#">get it</a>
SP-08: split into parts	23/06/2000	3	.	1	.	0	<a href="#">get it</a>
Formatting	18/07/2000	3	.	2	.	0	<a href="#">get it</a>

WG (prime / other): S5 / - *rapporteur:* CICCHITTO, Gaetano SIEMENS Mobile Communications S.p.A.  
G: U: yes *MCC:* ZOICAS, Adrian

R99 33 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TR 33.900 Guide to 3G security

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version, comments):*

SP-08	23/06/2000	1	.	2	.	0	
-------	------------	---	---	---	---	---	--

WG (prime / other): S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry  
G: U: yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:*  
*remarks - this release:* New at TSG#6

## TR 33.909 3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions

R99 *current version:* none  
*freeze\_meeting:* SP-10  
*history (event, available, version, comments):*

SP-10	16/01/2001	1	.	0	.	0	SP-000629	
SP-10		3	.	0	.	0	withdrawn, not needed for R99	<a href="#">get it</a> <i>remarks - general:</i> TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10. <i>remarks - this release:</i> TSG#7: referred to in 33.908. Had been withdrawn, but reinstated at TSG#10. SA#13: 2001-09-23 withdrawn.

WG (prime / other): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
G: U: yes *MCC:* POPE, Maurice

R99 35 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 928

04 December 2003 12:04:40

WITHDRAWN specs 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*; Document R99</b>	<i>current version: 1: General</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc							
	<i>freeze_meeting:</i>	SP-10	G:	<i>U:</i> yes	<i>MCC:</i>			POPE, Maurice
	<i>history (event, available, version, comments):</i>							
	SP-10	09/05/2001 3 . 0 . 0						SAGE only supplied PDF, so no real deliverable yet available - SP-000630
			<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#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4			
<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*; Document R99</b>	<i>current version: 2: Algorithm specification</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc							
	<i>freeze_meeting:</i>	SP-10	G:	<i>U:</i> yes	<i>MCC:</i>			POPE, Maurice
	<i>history (event, available, version, comments):</i>							
	SP-10	09/05/2001 3 . 0 . 0						SP-000673
			<a href="#">get it</a>	<i>remarks - general:</i>	ex SAGE			
				<i>remarks - this release:</i>	TSG#10:SP-000673, not to be published till OKed by Partners. TSG#11:changed to Rel-4			
<hr/>								
<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*; Document R99</b>	<i>current version: 3: Implementors' test data</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc							
	<i>freeze_meeting:</i>	SP-10	G:	<i>U:</i> yes	<i>MCC:</i>			POPE, Maurice
	<i>history (event, available, version, comments):</i>							
	SP-10	09/05/2001 3 . 0 . 0						SP-000630
			<a href="#">get it</a>	<i>remarks - general:</i>	ex SAGE			
				<i>remarks - this release:</i>	.TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4			
<hr/>								
<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*; Document R99</b>	<i>current version: 4: Design conformance test data</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc							
	<i>freeze_meeting:</i>	SP-10	G:	<i>U:</i> yes	<i>MCC:</i>			POPE, Maurice
	<i>history (event, available, version, comments):</i>							
	SP-10	09/05/2001 3 . 0 . 0						SP-000630
			<a href="#">get it</a>	<i>remarks - general:</i>	ex SAGE			
				<i>remarks - this release:</i>	TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4			

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 929

04 December 2003 12:04:40

WITHDRAWN specs R99 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

---

**TS 35.209 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document R99**  
current version: 5: Summary and results of design and evaluation 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, comments):  
SP-11 3 . 0 . 0

remarks - general: ex SAGE  
remarks - this release: This turns out to be a report, so -> 35.909.

---

---

## UMTS

UMTS 00 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

---

**TR 00.01U Work programme for the standarization of Universal Mobile Telecommunications System (UMTS)**  
UMTS current version: none WG (prime / other): SMG / rapporteur: RAPELI, Juha PHILIPS CONSUMER COMMUNICATION  
freeze\_meeting: G: U: yes MCC:  
history (event, available, version, comments):  
smg-03 18/11/1994 3 . 0 . 0 [get it](#) remarks - general:  
smg-18 21/05/1996 3 . 1 . 0 [get it](#) remarks - this release: .  
smg-19 04/09/1996 3 . 2 . 0 [get it](#)

---

**TR 00.02U Coordination guideline for SMG on UMTS with respect to ITU and European research programmes**  
UMTS current version: none WG (prime / other): SMG / rapporteur: RAPELI, Juha PHILIPS CONSUMER COMMUNICATION  
freeze\_meeting: G: U: yes MCC:  
history (event, available, version, comments):  
smg-05 3 . 0 . 0

remarks - general:  
remarks - this release: .

---

---

UMTS 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 930

04 December 2003 12:04:40

WITHDRAWN specs UMTS 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

**TR 01.01U Universal Mobile Telecommunications System (UMTS); Objectives and overview**  
UMTS *current version:* none *WG (prime / other):* SP / - *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One  
*G:* *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version, comments):*  
ETSI publication 3 . 0 . 0  
*remarks - general:*  
*remarks - this release:* .

---

**TR 01.03U Universal Mobile Telecommunications System (UMTS); System requirements**  
UMTS *current version:* none *WG (prime / other):* SMG / - *rapporteur:* RICHARDS, Derek John Megisto Systems Inc.  
*freeze\_meeting:* *G:* yes *U:* *MCC:*  
*history (event, available, version, comments):*  
ETSI publication 15/05/1996 3 . 1 . 0 withdrawn [get it](#) *remarks - general:* ETSI ETR 291 withdrawn.  
*remarks - this release:* ETSI ETR 291, withdrawn.

---

**TR 01.04U Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS)**  
UMTS *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One  
*G:* yes *U:* *MCC:* N, A  
*history (event, available, version, comments):*  
smg-19 28/09/1996 3 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TR 01.05U System design methodology for the UMTS**  
UMTS *current version:* none *WG (prime / other):* SMG / - *rapporteur:* VACANT,  
*freeze\_meeting:* *G:* yes *U:* *MCC:*  
*history (event, available, version, comments):*  
draft 1 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

---

UMTS 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 931

04 December 2003 12:04:41

WITHDRAWN specs 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: N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* G: yes U: MCC: N, A One  
*history (event, available, version, comments):*  
Suspended 10/04/1996 3 . 0 . 0 [get it](#) *remarks - general:*  
animation *remarks - this release: .*

---

UMTS 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TR 03.01U Framework of network requirements, interworking and integration for the Universal Mobile Telecommunication System

UMTS *current version: none* WG (prime / other): SP / rapporteur: N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* G: U: yes MCC: POPE, Maurice One  
*history (event, available, version, comments):*  
Suspend work 10/10/1996 2 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: .*

---

UMTS 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TR 05.01U Universal Mobile Telecommunications System (UMTS); Objectives and framework for the Telecommunications Management Network (TMN) of the UMTS

UMTS *current version: none* WG (prime / other): SP / rapporteur: N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* G: U: yes MCC: POPE, Maurice One  
*history (event, available, version, comments):*  
draft 10/10/1997 2 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: .*

---

UMTS 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 access.

# 3GPP specification status

Page 932

04 December 2003 12:04:41

WITHDRAWN specs UMTS 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

**TR 06.01U Universal Mobile Telecommunications System (UMTS); Quality requirements for speech and associated channel coding for the UMTS**  
UMTS *current version:* none *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One  
*history (event, available, version, comments):*  
draft 10/10/1996 3 . 0 . 0  
G: U: yes *MCC:* POPE, Maurice  
[get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TR 06.02U Universal Mobile Telecommunications System (UMTS); Quality requirements and selection procedure for the support of voice- band data coding for the UMTS**  
UMTS *current version:* none *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One  
*history (event, available, version, comments):*  
draft 0 . 0 . 0  
*remarks - general:*  
*remarks - this release:* .

---

UMTS 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

**TR 07.01U Universal Mobile Telecommunications System (UMTS); Integration of audio/visual source coding into UMTS**  
UMTS *current version:* none *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One  
*history (event, available, version, comments):*  
G: U: yes *MCC:* POPE, Maurice  
*remarks - general:*  
*remarks - this release:* .

---

UMTS 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 933

04 December 2003 12:04:41

WITHDRAWN specs UMTS 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

**TT 12.01U Framework for satellite integration with the UMTS**  
UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version, comments):*  
Waiting - see 12/10/1995 3 . 0 . 0  
"secretariat  
comments"

*WG (prime / other):* S5 / *rapporteur:* N, A  
*G:* *U:* yes *MCC:* ZOICAS, Adrian  
[get it](#) *remarks - general:*  
*remarks - this release:* .

Indicate persons who left Company and wait for new One

---

**TR 12.02U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS**  
UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version, comments):*  
Waiting - see 10/10/1996 3 . 0 . 0  
"secretariat  
comments"

*WG (prime / other):* S5 / *rapporteur:* N, A  
*G:* *U:* yes *MCC:* ZOICAS, Adrian  
[get it](#) *remarks - general:*  
*remarks - this release:* .

Indicate persons who left Company and wait for new One

---

UMTS 21 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

**TR 21.02U High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept**  
UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version, comments):*  
smg-22 13/06/1997 3 . 0 . 0  
ETSI publication 03/11/1998 3 . 0 . 1

*WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*G:* *U:* *MCC:* Skov  
USAI, Paolino  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

**TS 21.04U Requirements for the support of data services in UMTS**  
UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version, comments):*  
draft 17/01/2000 1 . 0 . 0

*WG (prime / other):* - / - *rapporteur:* HOLLEY, Kevin mm02 plc  
*G:* *U:* *MCC:* N, A  
[get it](#) *remarks - general:*  
*remarks - this release:* #26: 0.0.2 or perhaps as 1.0.0

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 934

04 December 2003 12:04:41

WITHDRAWN specs UMTS 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TR 21.06U O&M requirements for the UMTS

UMTS *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* WEICHSELBAUM, Steffen Vodafone D2 GmbH

*G:* U: *MCC:* N, A

*history (event, available, version, comments):*

First complete draft	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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

UMTS 22 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.00U UMTS Phase 1

UMTS *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* VERRIER, David

Indicate persons who left Company and wait for new One

*G:* U: *MCC:* N, A

*history (event, available, version, comments):*

smg-27		1	.	0	.	0
draft	24/11/1998	1	.	3	.	0

[get it](#) *remarks - general:*  
*remarks - this release:*

## TS 22.01U Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles

UMTS *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* DWYER, Paul

NORTEL NETWORKS (EUROPE)

*G:* U: *MCC:* N, A

*history (event, available, version, comments):*

smg-21		3	.	0	.	0
smg-22		3	.	1	.	0
smg-24		3	.	2	.	1
smg-27	17/10/1998	3	.	3	.	0

*remarks - general:*  
*remarks - this release:*  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 935

04 December 2003 12:04:41

WITHDRAWN specs 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 22.05U</b>	<b>Services and service capabilities</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> PUGA PEREIRA, Emmanuel		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A	
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>
	smg-25 3 . 0 . 0				<i>remarks - this release:</i>
	smg-26 01/07/1998 3 . 1 . 0				<a href="#">get it</a>
<hr/>					
<b>TR 22.07U</b>	<b>UMTS terminal and smart card concepts</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> SMOLANDER, Jouni		NOKIA Corporation
	<i>freeze_meeting:</i>	<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> N, A	
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>
	smg-25 3 . 0 . 0				<i>remarks - this release:</i>
	smg-27 3 . 1 . 0				<a href="#">get it</a>
	edito 29/10/1998 3 . 1 . 1				
<hr/>					
<b>TS 22.21U</b>	<b>Virtual Home Environment</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke		FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A	
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>
					<i>remarks - this release:</i> .
<hr/>					
<b>TS 22.24U</b>	<b>Charging and Accounting Mechanism</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CHAMBERS, David		MOTOROLA Ltd
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A	
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>
	smg-25 28/05/1998 3 . 0 . 0				<i>remarks - this release:</i> #25: 3.0.0
					<a href="#">get it</a>
<hr/>					
<b>TS 22.25U</b>	<b>Quality of Service (QoS) and network performance</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> TIAINEN, Seppo		TeliaSonera AB
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A	
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>
	smg-25 28/05/1998 3 . 1 . 0				<i>remarks - this release:</i> #25: 3.1.0
					<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 936

04 December 2003 12:04:42

WITHDRAWN specs 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 22.29U</b>	<b>Handover Requirements between UMTS and GSM or other RadioSystems</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> COOPER, David		Telecom Modus Limited	
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>					<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 22.30U</b>	<b>Service requirements on security</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>					<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 22.35U</b>	<b>Service requirements on numbering, addressing and identities</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>					<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 22.40U</b>	<b>Charging, billing and accounting principles</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>					<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 22.45U</b>	<b>Human Factors,service principles and their application to UMTS</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>					<i>remarks - general:</i> <i>remarks - this release:</i> .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 937

04 December 2003 12:04:42

WITHDRAWN specs 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 22.50U</b>	<b>Subscriber and service profile requirements</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC: N, A		
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 22.55U</b>	<b>UMTS user identity modules</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC: N, A		
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 22.60U</b>	<b>Mobile multimedia services including mobile Intranet and Internet services</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AHNBERG, Tomas		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC: N, A		
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i>		
	smg-25 28/05/1998 3 . 0 . 0	<a href="#">get it</a>	<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	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i>	G: U:	MCC: N, A		
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i>		
	smg-25 28/05/2001 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #25: 3.0.0		
<hr/>					
<b>TS 22.71U</b>	<b>Service aspects; Automatic Establishment of Roaming Relationships</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>		
	<i>freeze_meeting:</i>	G: U:	MCC: N, A		
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i>		
	smg-25 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #25: 3.0.0 #27: 3.0.1		
	smg-27 17/10/1998 3 . 0 . 1				

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 938

04 December 2003 12:04:42

WITHDRAWN specs 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 22.72U</b>	<b>Real Time Multimedia in UMTS</b>				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
		WG (prime / other): - / -	rapporteur: FISCHER, Ralf		ROBERT BOSCH GmbH
		G: U:	MCC: N, A		
				remarks - general:	
				remarks - this release:	
<hr/>					
<b>TS 22.75U</b>	<b>Service aspects; Advanced addressing</b>				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
	smg-25	2 . 0 . 0			
	smg-27	17/10/1998 3 . 0 . 0			
				remarks - general:	
				remarks - this release:	#25: 2.0.0 #27: 3.0.0
			<a href="#">get it</a>		
<hr/>					
<b>TR 22.80U</b>	<b>UMTS Relationship to other Standards</b>				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
	First complete draft	19/10/1997 1 . 0 . 2			
	WG approval	07/11/1997 2 . 0 . 0			
	Under TB change control.	20/03/1998 2 . 0 . 1			
	Milestone 1	19/12/1997 2 . 0 . 1			
				remarks - general:	
				remarks - this release:	#24: 2.0.1
			<a href="#">get it</a>		
			<a href="#">get it</a>		
			<a href="#">get it</a>		
			<a href="#">get it</a>		
<hr/>					

UMTS **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.01U</b>	<b>UMTS Network principles</b>				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
	smg-27	24/02/1999 3 . 0 . 0			
				remarks - general:	
				remarks - this release:	#27: for info
			<a href="#">get it</a>		
<hr/>					

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 939

04 December 2003 12:04:42

WITHDRAWN specs UMTS 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.05U</b>	<b>UMTS Network principles</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i>	G: U:	MCC:	N, A		
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
<b>TS 23.10U</b>	<b>UMTS Access Stratum; Services and Functions</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>	LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i>	G: U:	MCC:	N, A		
	<i>history (event, available, version, comments):</i>					
	smg-27 24/02/1999 3 . 0 . 0		<a href="#">get it</a>		<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>WG (prime / other):</i> S2 / -	<i>rapporteur:</i>	JARVIS, Andre	3	
	<i>freeze_meeting:</i>	G: U:	MCC:	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>					
	smg-27 1 . 0 . 0				<i>remarks - general:</i>	
					<i>remarks - this release:</i>	#27: for info
<hr/>						
<b>TS 23.40U</b>	<b>UMTS Network Aspects; Relationship with UPT</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i>	N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC:	N, A		
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
<b>TS 23.50U</b>	<b>UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i>	N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC:	N, A		
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 940

04 December 2003 12:04:43

WITHDRAWN specs UMTS 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

<b>TS 23.60U</b>	<b>UMTS Network Aspects; UMTS data organization</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<b>TS 23.70U</b>	<b>UMTS Network Aspects; UMTS operations and procedures</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<b>TS 23.80U</b>	<b>UMTS Network Aspects; Signalling requirements for UMTS</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<b>TS 23.90U</b>	<b>UMTS Network Aspects; Network performance requirements</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<b>TS 23.95U</b>	<b>UMTS Network Aspects; Network functions relevant to satellites</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
	draft 0 . 0 . 0			<i>remarks - this release:</i> .		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 941

04 December 2003 12:04:43

WITHDRAWN specs UMTS 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## UMTS 24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

<b>TS 24.05U</b>	<b>UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

---

---

## UMTS 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TS 25.05U</b>	<b>UMTS Radio Aspects; Multiplexing and multiple access</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

---

<b>TS 25.10U</b>	<b>UMTS Radio Aspects; Channel coding</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 942

04 December 2003 12:04:43

WITHDRAWN specs UMTS 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TS 25.15U UMTS Radio Aspects; Modulation**  
UMTS *current version: none*  
*freeze\_meeting:*

*history (event, available, version, comments):*

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A

*remarks - general:*  
*remarks - this release: .*

Indicate persons who left Company and wait for new One

---

---

**TS 25.20U UMTS Radio Aspects; Transmission and reception**  
UMTS *current version: none*  
*freeze\_meeting:*

*history (event, available, version, comments):*

WG (prime / other): - / rapporteur: N, A  
G: U: yes MCC: N, A

*remarks - general:*  
*remarks - this release: .*

Indicate persons who left Company and wait for new One

---

UMTS **26** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

**TS 26.15U Source coding aspects Aspects; Integration of audio visual coding into UMTS**  
UMTS *current version: none*  
*freeze\_meeting:*

*history (event, available, version, comments):*

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A

*remarks - general:*  
*remarks - this release: .*

Indicate persons who left Company and wait for new One

---

UMTS **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 943

04 December 2003 12:04:43

WITHDRAWN specs 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, comments):*  
First complete draft 01/05/1996 1 . 2 . 1

WG (prime / other): S5 / - *rapporteur:* GABE, Axel SIEMENS AG  
G: U: *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

UMTS 30 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

---

## TR 30.00U SMG - UMTS Work programme

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version, comments):*  
smg-21 3 . 0 . 0  
smg-22 3 . 1 . 0  
smg-23 3 . 2 . 0  
smg-24 3 . 3 . 0  
smg-25 3 . 4 . 0  
smg-26 07/07/1998 3 . 5 . 0  
smg-27 3 . 6 . 1

WG (prime / other): - / - *rapporteur:* SAMUKIC, Antun Telefon AB LM Ericsson  
G: U: *MCC:* N, A

*remarks - general:*  
*remarks - this release:* #21: 3.0.0 #22: 3.1.0 #23: 3.2.0 #24: 3.3.0 #25: 3.4.0 #26: 3.5.0 #27: 3.6.1

[get it](#)

---

## TR 30.01U UMTS Baseline document: Collection of the SMG's positions on the UMTS

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version, comments):*  
smg-22 3 . 0 . 0  
smg-23 3 . 1 . 0  
smg-24 3 . 2 . 0  
smg-25 07/07/1998 3 . 3 . 0  
smg-26 3 . 4 . 0  
post smg-27 08/08/2002 3 . 5 . 1

WG (prime / other): - / - *rapporteur:* SAMUKIC, Antun Telefon AB LM Ericsson  
G: U: *MCC:* N, A

*remarks - general:*  
*remarks - this release:* #22: 3.0.0 #23: 3.1.0 #24: 3.2.0 #25: 3.3.0 #26: 3.4.0 #27: 3.5.1

[get it](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 944

04 December 2003 12:04:43

WITHDRAWN specs UMTS 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

---

**TR 30.02U Experience from GSM standardisation to be applied at UMTS standardisation**

UMTS *current version: none* WG (prime / other): - / - *rapporteur:*  
*freeze\_meeting:* G: U: *MCC:* N, A  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release: .*

---

**TR 30.04U Definition of the limited number of UTRA concepts**

UMTS *current version: none* WG (prime / other): GP / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* G: U: *MCC:* USAI, Paolino  
*history (event, available, version, comments):*  
First complete draft 01/06/1997 1 . 0 . 0 [get it](#) *remarks - general:*  
smg-22 14/06/1997 3 . 0 . 0 [get it](#) *remarks - this release: #22: 3.0.0*  
ETSI publication 03/11/1998 3 . 0 . 1 [get it](#)

---

**TR 30.05U UMTS terminology**

UMTS *current version: none* WG (prime / other): - / - *rapporteur:*  
*freeze\_meeting:* G: U: *MCC:* N, A  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release: .*

---

**TR 30.20U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS**

UMTS *current version: none* WG (prime / other): - / - *rapporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION  
*freeze\_meeting:* G: U: *MCC:* N, A  
*history (event, available, version, comments):*  
Creation of WI by 13/06/1997 2 . 0 . 0 [get it](#) *remarks - general:*  
WG/TB *remarks - this release: #24: 3.1.0*  
TB approval 30/08/1997 3 . 0 . 0 [get it](#)  
smg-24 19/12/1997 3 . 1 . 0 [get it](#)

---

UMTS **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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 945

04 December 2003 12:04:44

WITHDRAWN specs UMTS 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

---

**TS 31.50U**    **Essential requirements for UMTS Mobile Stations (ME) operating within frequency bands 1885-1980, 2010-2025 and 2110-2200 MHz**  
UMTS    *current version:* none    *WG (prime / other):* /    *rapporteur:* N, A    Indicate persons who left Company and wait for new  
*freeze\_meeting:*    *G:*    *U:* yes    *MCC:*    One  
*history (event, available, version, comments):*  
draft    0 . 0 . 0    *remarks - general:*  
*remarks - this release:* .

---

**TS 31.60U**    **Essential requirements for UMTS Mobile Earth Stations (MES) operating within frequency bands 1980- 2010 and 2170-2200 MHz**  
UMTS    *current version:* none    *WG (prime / other):* /    *rapporteur:* N, A    Indicate persons who left Company and wait for new  
*freeze\_meeting:*    *G:*    *U:* yes    *MCC:*    One  
*history (event, available, version, comments):*  
draft    0 . 0 . 0    *remarks - general:*  
*remarks - this release:* .

---

UMTS    **32** .- series    Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

**TR 32.01U**    **Overall principles of the OAM for the UMTS**  
UMTS    *current version:* none    *WG (prime / other):* SMG / -    *rapporteur:* SZELAZEK, Bill    3  
*freeze\_meeting:*    *G:*    *U:* yes    *MCC:*    SULTAN, Alain  
*history (event, available, version, comments):*  
smg-22    1 . 0 . 0    *remarks - general:*  
*remarks - this release:* No progress since SMG#22.

---

UMTS    **33** .- series    Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 946

04 December 2003 12:04:44

WITHDRAWN specs 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  
*freeze\_meeting:*  
*history (event, available, version, comments):*  
smg-19 13/06/1997 3 . 0 . 0

*WG (prime / other):* - / - *rapporteur:*  
G: U: MCC: N, A

[get it](#) *remarks - general:*  
*remarks - this release:* #19: 3.0.0

---

## TS 33.21U Security requirements

UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version, comments):*  
draft 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: N, A

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #27: for info  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

UMTS 34 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

## TS 34.01U Application integration and application programming interfaces

UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version, comments):*  
draft 0 . 0 . 0

*WG (prime / other):* SP / *rapporteur:* N, A  
G: U: yes MCC: POPE, Maurice

Indicate persons who left Company and wait for new One

*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 947

04 December 2003 12:04:44

WITHDRAWN specs UMTS 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

UMTS **35** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

---

**TS 35.10U UMTS Terminal aspects;Man Machine Interface (MMI)**

UMTS *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* SP / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

*G:* *U:* yes *MCC:* POPE, Maurice

*history (event, available, version, comments):*

draft 0 . 0 . 0

*remarks - general:*

*remarks - this release:* .

---

## R98

R98 **01** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

**TR 01.00 Working Procedures for SMG and PT SMG**

R98 *current version:* none  
*freeze\_meeting:* smg-29

*WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar

Deutsche Telekom AG

*G:* yes *U:* *MCC:* POPE, Maurice

*history (event, available, version, comments):*

smg-27 16/10/1998 0 . 1 . 0

[get it](#) *remarks - general:*

smg-28 12/02/1999 7 . 0 . 0

[get it](#) *remarks - this release:*

smg-29 25/06/1999 7 . 1 . 0

[get it](#)

smg-30 11/11/1999 7 . 2 . 0

[get it](#)

SP-15: withdrawn since SMG and PT-SMG no longer exist.

---

R98 **02** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 948

04 December 2003 12:04:44

WITHDRAWN specs 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, comments):*

*WG (prime / other):* S1 / SCP *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:* Moved from T3 Jan-00.  
*remarks - this release:* Place holder - no spec.

---

R98 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)**

R98 *current version:* none  
*freeze\_meeting:* smg-29  
*history (event, available, version, comments):*  
TP-09 withdrawn 04/10/2000 7 . 0 . 0

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*G: yes U:* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references  
*remarks - this release:* need identified 2000-03-29 TSG#9:withdrawn cos contains misleading information/references

---

R98 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.33 Lawful interception; Stage 3**

R98 *current version:* none  
*freeze\_meeting:* smg-29  
*history (event, available, version, comments):*

*WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*G: yes U:* *MCC:* N, A

*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 949

04 December 2003 12:04:44

WITHDRAWN specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.53 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

R98 *current version:* none *WG (prime / other):* - / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* N, A

*history (event, available, version, comments):*

draft	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)

---

## TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)

R98 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

smg-26	26/06/1998	7 . 0 . 0	withdrawn SP-09	<a href="#">get it</a>	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references <i>remarks - this release:</i> TSG#9:withdrawn cos contains misleading information/references
--------	------------	-----------	-----------------	------------------------	---

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 950

04 December 2003 12:04:45

WITHDRAWN specs R98 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

## TS 10.71 Project scheduling and open issues: Location services (LCS)

R98 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)

*freeze\_meeting:* smg-29 *G: yes U:*

*MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

Maui	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-30b	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](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 951

04 December 2003 12:04:45

WITHDRAWN specs R98 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

## TS 10.78 Project scheduling and open issues: CAMEL

R98 *current version:* none  
*freeze\_meeting:* smg-29  
*history (event, available, version, comments):*

draft	08/02/1997	0	0	0	<a href="#">get it</a>	<i>remarks - general:</i>
draft	24/03/1997	0	1	0	<a href="#">get it</a>	<i>remarks - this release:</i> July 2002: abandoned
draft	27/03/1997	0	1	1	<a href="#">get it</a>	
draft	09/04/1997	0	1	2	<a href="#">get it</a>	
draft	07/05/1997	0	2	0	<a href="#">get it</a>	
smg-22	10/06/1997	1	0	0	<a href="#">get it</a>	
draft	19/06/1997	1	1	0	<a href="#">get it</a>	
draft	09/07/1997	1	2	0	<a href="#">get it</a>	
draft	10/09/1997	1	3	0	<a href="#">get it</a>	
smg-23	10/10/1997	1	3	2	<a href="#">get it</a>	
draft	22/10/1997	1	4	0	<a href="#">get it</a>	
draft	02/12/1997	1	5	0	<a href="#">get it</a>	
draft	04/06/1998	1	6	0	<a href="#">get it</a>	
smg-25	10/03/1998	1	6	0	<a href="#">get it</a>	abandoned

*WG (prime / other):* S2 / - *rapporteur:* APRATH, Stefan Vodafone D2 GmbH  
*G: yes U:* *MCC:* YOON, Sang-Ui

---

## TR 10.87 User to User Signalling (UUS)

R98 *current version:* none  
*freeze\_meeting:* smg-29  
*history (event, available, version, comments):*

*WG (prime / other):* S2 / GP *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* YOON, Sang-Ui

*remarks - general:*  
*remarks - this release:* No draft ever produced.

---

## TR 10.94 Follow Me supplementary service

R98 *current version:* none  
*freeze\_meeting:* smg-29  
*history (event, available, version, comments):*

*WG (prime / other):* SP / - *rapporteur:* POSTMANN, Erwin SIEMENS AG  
*G: yes U:* *MCC:* POPE, Maurice

*remarks - general:*  
*remarks - this release:* No draft ever produced.

---

R98

11 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 952

04 December 2003 12:04:45

WITHDRAWN specs R98 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

## TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

R98 *current version:* none *WG (prime / other):* G3ne / S1 / NP / T2 / SCP  
*freeze\_meeting:* smg-29 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version, comments):*

*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

---

## TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R98 *current version:* none *WG (prime / other):* G3ne / S1 / NP / T2 / SCP  
*freeze\_meeting:* smg-29 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version, comments):*

*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

---

## TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R98 *current version:* none *WG (prime / other):* T3 / G2, G3ne w  
*freeze\_meeting:* smg-29 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: DIETZE, Claus

*history (event, available, version, comments):*

GP-13 21/02/2003 7 . 0 . 0

[get it](#) *remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

derived from R96 by CR; also to withdraw the R96 version, since the R99

version will cover all previous Releases. TP-20: accepted by T3 (from G4).

---

# R97

R97

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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 953

04 December 2003 12:04:45

WITHDRAWN specs 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>WG (prime / other):</i> SP / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> No spec this Release.		
<hr/>					
<b>TR 01.31</b>	<b>Fraud Information Gathering System (FIGS); Service requirements; Stage 0</b>				
R97	<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-26	G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> No spec this version.		
<hr/>					
<hr/>					
	R97	02 .- series	Server location: <a href="http://www.3gpp.org/ftp/Specs/archive/02_series">http://www.3gpp.org/ftp/Specs/archive/02_series</a>		
<b>TS 02.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 1</b>				
R97	<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-26	G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> No spec this Release		
<hr/>					
<b>TS 02.33</b>	<b>Lawful Interception (LI); Stage 1</b>				
R97	<i>current version:</i> none	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
			<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 access.

# 3GPP specification status

Page 954

04 December 2003 12:04:46

WITHDRAWN specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.38 SIM application toolkit (SAT); Stage 1

R97 *current version:* none  
*freeze\_meeting:* smg-26  
*history (event, available, version, comments):*

*WG (prime / other):* S1 / SCP *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:* Moved from T3 Jan-00.  
*remarks - this release:* Place holder - no spec.

---

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  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0

*WG (prime / other):* N4 / SPAN *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
/ T2

*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[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  
*history (event, available, version, comments):*  
smg-27 16/10/1998 6 . 0 . 0

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*G: yes U:* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references  
*remarks - this release:* #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  
*history (event, available, version, comments):*  
draft 20/03/1998 0 . 7 . 1

*WG (prime / other):* - / - *rapporteur:* NAPER, Hans Petter MOTOROLA GmbH  
*G: yes U:* *MCC:* N, A

[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 access.



# 3GPP specification status

Page 956

04 December 2003 12:04:46

WITHDRAWN specs R97 05 .- series  
Server location: [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:* N, A  
*history (event, available, version, comments):*  
First complete draft 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, comments):*  
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:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):*  
draft 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 access; U = required in systems with UMTS access.

# 3GPP specification status

Page 957

04 December 2003 12:04:46

WITHDRAWN specs R97 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

**TR 10.17 General Packet Radio Service (GPRS); Charging in GPRS**

R97 *current version:* none  
*freeze\_meeting:* smg-26  
*history (event, available, version, comments):*  
smg-25 20/03/1998 1 . 0 . 0

*WG (prime / other):* - / - *rapporteur:* HEATON, Graham Aether Systems Inc.  
*G: yes U:* *MCC:* N, A

[get it](#) *remarks - general:* Scrapped.  
*remarks - this release:* #25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)

---

**TR 10.20 Lawful Interception requirements for GSM**

R97 *current version:* none  
*freeze\_meeting:* smg-26  
*history (event, available, version, comments):*  
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, comments):*  
smg-25 6 . 0 . 0

*WG (prime / other):* S2 / - *rapporteur:* YOON, Sang-Ui  
*G: yes U:* *MCC:*

*remarks - general:*  
*remarks - this release:*

---

R97 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

R97 *current version:* none  
*freeze\_meeting:* smg-26

*WG (prime / other):* G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
NP /  
T2 /  
SCP

*G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version, comments):*

*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 958

04 December 2003 12:04:46

WITHDRAWN specs R97 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.10-3</b>	<b>Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)</b>				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G3ne / S1 / NP / T2 / SCP	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	CLAYTON, Michael	
			<i>remarks - general:</i>	2001-11-19: G4->G5.	
			<i>remarks - this release:</i>	Place holder; no draft ever produced (refer to Phase 2 version).	
<hr/>					
<b>TS 11.10-4</b>	<b>Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification</b>				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> T3 / G2, G3ne w	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	DIETZE, Claus	
	GP-13 21/02/2003 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	TP-17: T3 proposes to take over this spec from G5, and to approve a new R99	
	derived from R96 by CR; also to withdraw the R96 version, since the R99		<i>remarks - this release:</i>	Place holder; no draft ever produced (refer to Phase 2 version). version not	
				version will cover all previous Releases. TP-20: accepted by T3 (from G4).	
<hr/>					
<b>TS 11.21</b>	<b>Base Station System (BSS) equipment specification; Radio aspects</b>				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT,		
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	USAI, Paolino	
	GP-09 06/05/2002 6 . 0 . 0 not produced post smg-27; withdrawn	<a href="#">get it</a>	<i>remarks - general:</i>		
	GP-12 6 . 1 . 0 CRs unimplementable; spec is scrapped.		<i>remarks - this release:</i>	#27:6.0.0 (Rodermund: not required [Aug-00]). GP-09 (Usai) resurrected. GP-12 (Usai): scrapped again.	
<hr/>					
<b>TS 11.56</b>	<b>CTS phase 1, CTS Fixed Part Tests</b>				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MATTISSON, Leif	Telefon AB LM Ericsson	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	N, A	
			<i>remarks - general:</i>		
			<i>remarks - this release:</i>	.	

---

---

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 access.

# 3GPP specification status

Page 959

04 December 2003 12:04:46

WITHDRAWN specs R97 12 .- series  
Server location: [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>						
R97	<i>current version:</i> none						
	<i>freeze_meeting:</i> smg-26						
<i>history (event, available, version, comments):</i>							
		<i>WG (prime / other):</i>	S5 / S1 / NP	<i>rapporteur:</i>	TRUSS, Michael		MOTOROLA Ltd
		<i>G: yes U:</i>		<i>MCC:</i>	ZOICAS, Adrian		
				<i>remarks - general:</i>			
				<i>remarks - this release:</i>	No spec.		

---

<b>TS 12.04</b>	<b>Performance data measurements</b>						
R97	<i>current version:</i> none						
	<i>freeze_meeting:</i> smg-26						
<i>history (event, available, version, comments):</i>							
		<i>WG (prime / other):</i>	S5 / S1 / NP	<i>rapporteur:</i>	TOCHE, Christian		NORTEL NETWORKS (EUROPE)
		<i>G: yes U:</i>		<i>MCC:</i>	ZOICAS, Adrian		
				<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>	<b>Working Procedures for SMG and PT SMG</b>						
R96	<i>current version:</i> none						
	<i>freeze_meeting:</i> smg-22						
<i>history (event, available, version, comments):</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-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 access.



# 3GPP specification status

Page 960

04 December 2003 12:04:47

WITHDRAWN specs 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 01.31</b>	<b>Fraud Information Gathering System (FIGS); Service requirements; Stage 0</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:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i> smg-23 17/10/1997 5 . 0 . 0 withdrawn, smg-25	<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>WG (prime / other):</i> SMG /	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i> draft 07/11/1995 1 . 0 . 0	<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>WG (prime / other):</i> SMG / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
<b>TS 01.61</b>	<b>General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements</b>					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i> smg-23 5 . 0 . 0 SMG-25 withdrawn		<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>WG (prime / other):</i> - / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> <i>remarks - this release:</i> .			

---

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 961

04 December 2003 12:04:47

WITHDRAWN specs R96 02 .- series  
Server location: [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)

---

**TS 02.18 Interworking with non-GSM applications on the SIM to be accessed via the GSM network**

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* SCHMIDT, Günter DETEMOBIL GMBH  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* .

---

**TS 02.25 GSM - DCS roaming: Requirements and Stage 1 descriptions**

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* LE ROUX, Alain France Telecom  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* .

---

**TS 02.26 Operation of multi-band GSM/DCS 1800 network by a single operator**

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* LJUNGGREN, Tommy Northstream AB  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* .

---

**TS 02.27 DECT access to GSM networks**

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* .

---

**TS 02.28 UPT phase 1**

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* KOSYDAR, L Indicate persons who left Company and wait for new  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A One  
*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 962

04 December 2003 12:04:47

WITHDRAWN specs 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 02.29</b>	<b>Inter operation with UPT phase 2</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i>		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	N, A	
	<i>history (event, available, version, comments):</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, comments):</i>				
	draft 13/05/1997 1 . 0 . 0	<a href="#">get it</a>			<i>remarks - general:</i>
	draft 01/10/1997 2 . 0 . 0	<a href="#">get it</a>			<i>remarks - this release:</i> #26: withdrawn
	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, comments):</i>				
	smg-19 1 . 0 . 0				<i>remarks - general:</i>
	smg-20 2 . 0 . 0				<i>remarks - this release:</i>
	smg-20 11/10/1996 5 . 0 . 0 withdrawn SMG-25	<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:	N, A	
	<i>history (event, available, version, comments):</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>		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	N, A	
	<i>history (event, available, version, comments):</i>				
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 963

04 December 2003 12:04:47

WITHDRAWN specs 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 02.37</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:	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</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:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> Moved from T3 Jan-00.	
	smg-29 1 . 0 . 0			<i>remarks - this release:</i>	
<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:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> SMG11->S4 at SMG#30	
	smg-23 5 . 0 . 0			<i>remarks - this release:</i>	
	smg-24 5 . 1 . 0 withdrawn SMG-25				
<hr/>					
<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:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
	smg-21 14/02/1997 5 . 0 . 0		<a href="#">get it</a>	<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		<a href="#">get it</a>		
	smg-24 19/12/1997 5 . 2 . 0		<a href="#">get it</a>		
<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:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
	smg-24 19/12/1997 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #24: 5.0.0 @25: withdrawn	

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 964

04 December 2003 12:04:48

WITHDRAWN specs 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 02.72</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	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</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	G: yes U:	MCC: N, A		
	<i>history (event, available, version, comments):</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	G: yes U:	MCC: N, A		
	<i>history (event, available, version, comments):</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	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</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	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: N, A		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 965

04 December 2003 12:04:48

WITHDRAWN specs 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 02.93</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, comments):</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, comments):</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, comments):</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> N, A			
	<i>history (event, available, version, comments):</i>					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 966

04 December 2003 12:04:48

WITHDRAWN specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.99 Direct Subscriber Access and Restriction (DSAR); Stage1**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*

*WG (prime / other):* - / *rapporteur:* CHAPMAN, Neil  
G: yes U: MCC: N, A

ORANGE PCS LTD

*remarks - general:*  
*remarks - this release:* .

---

R96 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](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  
*history (event, available, version, comments):*  
smg-20 11/10/1996 5 . 0 . 0

*WG (prime / other):* N4 / SPAN *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
/ T2

G: yes U: MCC: KYMALAINEN, Kimmo

[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  
*history (event, available, version, comments):*  
Table of Contents 01/09/1996 0 . 4 . 0  
and Scope

*WG (prime / other):* - / *rapporteur:* APRATH, Stefan Vodafone D2 GmbH  
G: yes U: MCC: N, A

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 03.36 Premium rate services - stage 2**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*

*WG (prime / other):* - / *rapporteur:*  
G: yes U: MCC: N, A

*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 967

04 December 2003 12:04:48

WITHDRAWN specs R96 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)**  
R96 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
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:* ZHAO, Yilin MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui  
*history (event, available, version, comments):*  
5 . 0 . 0 *remarks - general:*  
smg-23 5 . 1 . 0 *remarks - this release:* .  
smg-24 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, comments):*  
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 Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):*  
*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:* N, A  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* Scrapped Jan 98.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 968

04 December 2003 12:04:48

WITHDRAWN specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.98 New barring services; Stage 2 description**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*

*WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*G: yes U:* *MCC:* N, A

*remarks - general:*  
*remarks - this release:* .

---

**TS 03.99 Direct Subscriber Access and Restriction (DSAR); Stage 2**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*

*WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*G: yes U:* *MCC:* N, A

*remarks - general:*  
*remarks - this release:* .

---

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, comments):*

*WG (prime / other):* - / *rapporteur:*  
*G: yes U:* *MCC:* N, A

*remarks - general:*  
*remarks - this release:* .

---

**TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
smg-23 17/10/1997 5 . 0 . 0  
smg-24 19/12/1997 5 . 1 . 0

*WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #25: withdrawn

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 969

04 December 2003 12:04:49

WITHDRAWN specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)**  
R96 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, comments):*  
smg-23 17/10/1997 5 . 0 . 0 [get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.  
smg-24 19/12/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #25:withdrawn

---

**TS 04.70 Payphone services - stage 3**  
R96 *current version:* none *WG (prime / other):* - / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* .

---

**TS 04.73 Malicious Call Identification (MCID); Stage 3**  
R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* .

---

**TS 04.78 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 3**  
R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* .

---

**TS 04.79 Support of optimal routing; Stage 3**  
R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):*  
*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 970

04 December 2003 12:04:49

WITHDRAWN specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.98 New barring services; Stage 3**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*

*WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*G: yes U:* *MCC:* N, A

*remarks - general:*  
*remarks - this release:* .

---

**TS 04.99 Direct subscriber access and restriction; Stage 3**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*

*WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*G: yes U:* *MCC:* N, A

*remarks - general:*  
*remarks - this release:* .

---

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, comments):*

*WG (prime / other):* - / *rapporteur:* VOSKAR, Paul NOKIA UK Ltd  
*G: yes U:* *MCC:* N, A

*remarks - general:*  
*remarks - this release:* .

---

**TS 05.18 Hands free mobile station**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*

*WG (prime / other):* - / *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*G: yes U:* *MCC:* N, A

*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 971

04 December 2003 12:04:49

WITHDRAWN specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

**TS 05.19 Service to GSM handportables in trains**  
R96 *current version: none*  
*freeze\_meeting: smg-22*  
*history (event, available, version, comments):*

WG (prime / other): - / *rapporteur:* WILTSHIRE, Timothy  
G: yes U: *MCC:* Robin  
N, A

*remarks - general:*  
*remarks - this release: .*

Indicate persons who left Company and wait for new One

---

**TR 05.20 Fast moving Mobile Station (study)**  
R96 *current version: none*  
*freeze\_meeting: smg-22*  
*history (event, available, version, comments):*

WG (prime / other): - / *rapporteur:* REINER, Michaël  
G: yes U: *MCC:* N, A

*remarks - general:*  
*remarks - this release: .*

Eads Telecom Deutschland GmbH

---

**TS 05.30 General packet radio service requirements**  
R96 *current version: none*  
*freeze\_meeting: smg-22*  
*history (event, available, version, comments):*

WG (prime / other): - / *rapporteur:* CONRAD, Alan  
G: yes U: *MCC:* N, A

*remarks - general:*  
*remarks - this release: .*

T-MOBILE DEUTSCHLAND

---

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, comments):*

WG (prime / other): - / *rapporteur:* CANDISH, John  
G: yes U: *MCC:* N, A

*remarks - general:*  
*remarks - this release: .*

Xtempus Ltd

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 972

04 December 2003 12:04:49

WITHDRAWN specs R96 08 .- series  
Server location: [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)

---

**TS 08.14** **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1**  
R96 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-22 G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-24 5 . 0 . 0 smg-26: withdrawn *remarks - general:*  
*remarks - this release:* .

---

**TS 08.16** **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**  
R96 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S  
*freeze\_meeting:* smg-22 G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version, comments):*  
smg-24 19/12/1997 5 . 0 . 0 SMG-25: withdrawn [get it](#) *remarks - general:*  
*remarks - this release:* .

---

---

R96 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

**TS 09.12** **Application of ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol**  
R96 *current version:* none *WG (prime / other):* SPAN / N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB  
*freeze\_meeting:* smg-22 G: yes U: MCC:  
*history (event, available, version, comments):*  
draft (ETSI TC 10/11/1997 5 . 2 . 1 [get it](#) *remarks - general:* EN 300 646  
SPS) *remarks - this release:* .  
draft (ETSI TC 18/05/1999 5 . 3 . 0 [get it](#)  
SPS) [get it](#)  
SPS1 approval 21/05/1999 5 . 3 . 1 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 973

04 December 2003 12:04:49

WITHDRAWN specs R96 09 .- series  
Server location: [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, comments):*

*WG (prime / other):* - / *rapporteur:*  
*G: yes U:* *MCC:* N, A

*remarks - general:*  
*remarks - this release:* .

---

## TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version, comments):*  
smg-24 19/12/1997 5 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release:* #24: 5.0.0 #25: withdrawn

---

R96 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](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, comments):*  
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 access.

# 3GPP specification status

Page 974

04 December 2003 12:04:50

WITHDRAWN specs R96 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

## TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues

R96 *current version:* none *WG (prime / other):* S2 / - *rapporteur:*  
*freeze\_meeting:* smg-22 *G: yes U:* MCC: YOON, Sang-Ui  
*history (event, available, version, comments):*  
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #25: (5.x.y withdrawn)  
smg-24 08/10/1997 5 . 2 . 0 [get it](#)  
draft 28/10/1997 5 . 2 . 1 [get it](#)  
draft 10/12/1998 5 . 3 . 0 [get it](#)  
smg-24 20/12/1997 5 . 3 . 1 [get it](#)  
draft 05/02/1998 5 . 3 . 2 [get it](#)  
draft 12/02/1998 5 . 3 . 3 [get it](#)  
draft 15/02/1998 5 . 3 . 4 [get it](#)  
draft 15/03/1998 5 . 3 . 5 [get it](#)  
draft 05/03/1998 5 . 4 . 0 [get it](#)  
smg-25 15/03/1998 5 . 4 . 1 [get it](#)  
draft 06/04/1998 5 . 4 . 2 [get it](#)

---

## TR 10.66 Support of Mobile Number Portability (MNP); Project plan

R96 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* TARAZI, Roger EDP Telecom  
*freeze\_meeting:* smg-22 *G: yes U:* MCC: CLAYTON, Michael  
*history (event, available, version, comments):*  
smg-21 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

---

## TR 10.68 Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)

R96 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*freeze\_meeting:* smg-22 *G: yes U:* MCC: YOON, Sang-Ui  
*history (event, available, version, comments):*  
smg-21 5 . 0 . 0 abandoned *remarks - general:*  
*remarks - this release:* May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.

---

R96

11 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 975

04 December 2003 12:04:50

WITHDRAWN specs R96 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**

R96 *current version:* none *WG (prime / other):* G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-22 NP /  
T2 /  
SCP

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version, comments):*

*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

---

**TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface**

R96 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA Corporation  
*freeze\_meeting:* smg-22 G: yes U: MCC: DIETZE, Claus

*history (event, available, version, comments):*

smg-16? 25/01/1996 5 . 0 . 0 SMG-16: withdrawn

[get it](#) *remarks - general:*  
*remarks - this release:* #16: 5.0.0 withdrawn

---

**TS 11.21 Base Station System (BSS) equipment specification; Radio aspects**

R96 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-22 G: yes U: MCC: USAI, Paolino

*history (event, available, version, comments):*

smg-22 13/06/1997 5 . 0 . 0  
smg-23 17/10/1997 5 . 1 . 0  
smg-25 20/03/1998 5 . 2 . 0  
smg-26 26/06/1998 5 . 3 . 0  
smg-27 16/10/1998 5 . 4 . 0  
Editorial correction 16/10/1998 5 . 4 . 1  
GP-09 15/05/2002 5 . 5 . 0 withdrawn

[get it](#) *remarks - general:*  
*remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

R96

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 access.



# 3GPP specification status

Page 976

04 December 2003 12:04:50

WITHDRAWN specs R96 12 .- series  
Server location: [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>					
R96	<i>current version: none</i>					
	<i>freeze_meeting: smg-22</i>					
<i>history (event, available, version, comments):</i>						
		<i>WG (prime / other):</i>	S5 / S1 / NP	<i>rapporteur:</i>	TRUSS, Michael	MOTOROLA Ltd
		<i>G: yes U:</i>		<i>MCC:</i>	ZOICAS, Adrian	
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	No spec.	

---

<b>TS 12.04</b>	<b>Performance data measurements</b>					
R96	<i>current version: none</i>					
	<i>freeze_meeting: smg-22</i>					
<i>history (event, available, version, comments):</i>						
		<i>WG (prime / other):</i>	S5 / S1 / NP	<i>rapporteur:</i>	TOCHE, Christian	NORTEL NETWORKS (EUROPE)
		<i>G: yes U:</i>		<i>MCC:</i>	ZOICAS, Adrian	
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	No spec	

---

---

## Ph2

Ph2

01 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

<b>TR 01.05</b>	<b>Definitions</b>					
Ph2	<i>current version: none</i>					
	<i>freeze_meeting:</i>					
<i>history (event, available, version, comments):</i>						
		<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	VACANT,	
		<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice	
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	n.a.	

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 977

04 December 2003 12:04:50

WITHDRAWN specs Ph2 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

## TS 01.06 Service implementation phases and possible further phases in the GSM PLMN

Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB  
*freeze\_meeting:* *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* .

---

## TS 01.07 Updating procedure for GSM Recommendations

Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB  
*freeze\_meeting:* *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* .

---

Ph2 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.08 Quality of Service (QoS) / GSM system performance

Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB  
*freeze\_meeting:* *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):*

draft 21/08/1995 0 . 1 . 0  
draft 01/06/1994 4 . 0 . 0

[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 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*  
smg-16 20/10/1995 4 . 0 . 0

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references  
*remarks - this release:* #16: 4.0.0 TSG#9:withdrawn cos contains misleading information/references

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 978

04 December 2003 12:04:50

WITHDRAWN specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

Ph2 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

**TS 07.06 Use of the V Series Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface at the Mobile Station (MS) for Mobile Termination (MT) configuration**

Ph2 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version, comments):*

ETSI publication 13/09/1994 4 . 1 . 2  
ETSI OAP 06/03/1995 4 . 2 . 0  
ETSI publication 01/08/1995 4 . 2 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #7: 4.1.0 #13: 4.2.0 #15: withdrawn  
[get it](#)

---

Ph2 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.59 BSC-BTS O&M Signalling Transport**

Ph2 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* VACANT, USAI, Paolino  
*freeze\_meeting:* *G:* yes *U:* *MCC:*

*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:*

---

Ph2 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

**TS 09.92 GSM Phase 1 Mobile Station interworking with Phase 2 Networks**

Ph2 *current version:* none *WG (prime / other):* - / *rapporteur:* TWINGLER, Jonas Northstream AB  
*freeze\_meeting:* *G:* yes *U:* *MCC:* N, A

*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 979

04 December 2003 12:04:51

WITHDRAWN specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

---

Ph2 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

# 3GPP specification status

Page 980

04 December 2003 12:04:51

WITHDRAWN specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Ph2 *current version:* none *WG (prime / other):* G3ne / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-11b NP /  
T2 /  
SCP

G: yes U: MCC: CLAYTON, Michael

### *history (event, available, version, comments):*

smg-16	20/10/1995	4 . 13 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 2001-11-19: G4->G5.
smg-17	02/02/1996	4 . 14 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> GP-06: Rel-4 serves all releases.
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>	
GP-04	11/04/2001	4 . 32 . 0	<a href="#">get it</a>	

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 981

04 December 2003 12:04:51

WITHDRAWN specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

GP-05 28/06/2001 4 . 33 . 0  
GP-06 06/09/2001 4 . 34 . 0

[get it](#)  
[get it](#)

---

## TS 11.16 Conformity Specifications for Transparent Facsimile Group 3 Adaptors

Ph2 *current version:* none

*freeze\_meeting:*

*history (event, available, version, comments):*

*WG (prime / other):* - /

*G: yes U:*

*rapporteur:* HOWELL, Andrew

*MCC:* N, A

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:* .

---

## TS 11.25 The GSM Base Station System (BSS) Equipment specification Half-rate speech

Ph2 *current version:* none

*freeze\_meeting:*

*history (event, available, version, comments):*

*WG (prime / other):* G1 / -

*G: yes U:*

*rapporteur:* VACANT,

*MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* (no such spec)

---

Ph2

12 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

## TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph2 *current version:* none

*freeze\_meeting:*

*history (event, available, version, comments):*

draft 0 . 0 . 0

*WG (prime / other):* - / -

*G: yes U:*

*rapporteur:*

*MCC:* N, A

*remarks - general:*

*remarks - this release:* Title may have been "Network Management (NM); Part 3: Operations and performance management".

---

Ph1

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 982

04 December 2003 12:04:51

WITHDRAWN specs Ph1 00 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

---

Ph1 **00** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

---

**TR 00.02 Voice group call service study (UIC project)**

Ph1 *current version: none*  
*freeze\_meeting:*

*WG (prime / other):* - / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

*G: yes U:* *MCC:* N, A

*history (event, available, version, comments):*

*remarks - general:*  
*remarks - this release:* .

---

---

Ph1 **02** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.05 Simultaneous and Alternate Use of Services**

Ph1 *current version: none*  
*freeze\_meeting:*

*WG (prime / other):* - / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

*G: yes U:* *MCC:* N, A

*history (event, available, version, comments):*

smg-01 06/05/1992 3 . 0 . 2

[get it](#) *remarks - general:* MoU  
*remarks - this release:* .

---

**TS 02.08 Quality of Service (QoS) / GSM system performance**

Ph1 *current version: none*  
*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas

Northstream AB

*G: yes U:* *MCC:* N, A

*history (event, available, version, comments):*

25/08/1995 0 . 2 . 0  
06/10/1995 0 . 2 . 1  
10/05/1994 3 . 0 . 0  
10/05/1994 3 . 0 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 983

04 December 2003 12:04:52

WITHDRAWN specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.10</b>	<b>Provision of Telecommunication Services</b>					
Ph1	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 02.12</b>	<b>Licensing</b>					
Ph1	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 02.13</b>	<b>Subscription to the Services of a GSM PLMN</b>					
Ph1	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 02.14</b>	<b>Service Directory</b>					
Ph1	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 02.15</b>	<b>Circulation of mobile stations</b>					
Ph1	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 984

04 December 2003 12:04:52

WITHDRAWN specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.21 Transferred account procedure and billing information

Ph1 *current version:* none *WG (prime / other):* S2 / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One  
*history (event, available, version, comments):*  
G: yes U: *MCC:* YOON, Sang-Ui  
Jan 1990 10/05/1994 3 . 3 . 0 [get it](#) *remarks - general:*  
? 10/05/1994 3 . 4 . 0 [get it](#) *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 03.42 SMS Compression

Ph1 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, comments):*  
gsm4 06/05/2003 3 . 0 . 0 Jan 1990: title was "Advanced data MHS". [get it](#) *remarks - general:*  
*remarks - this release:* .

---

Ph1 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

## TS 09.09 Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN

Ph1 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* VAINIKKA, Jari NOKIA Corporation  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, comments):*  
First complete draft 1 . 0 . 0 *remarks - general:* 2003-05-07: no draft available, so withdraw.  
*remarks - this release:* .

---

Ph1 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 985

04 December 2003 12:04:52

WITHDRAWN specs Ph1 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

## TS 11.01 Mobile station type approval procedure principles (Candidate NET 10 part 1)

Ph1 *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* *G: yes U:* *MCC:* N, A  
*history (event, available, version, comments):* *remarks - general:*  
*remarks - this release:* .

---

## TS 11.20 GSM DCS 1800 Base Station Specification

Ph1 *current version:* none *WG (prime / other):* GP / NP *rapporteur:* VACANT,  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version, comments):* *remarks - general:*  
*remarks - this release:*

gsm-32		3 . 6 . 0	
smg-01		3 . 7 . 0	
smg-02		3 . 8 . 0	
smg-03		3 . 9 . 0	
smg-04		3 . 10 . 0	
smg-05		3 . 11 . 0	
smg-06	01/09/2003	3 . 12 . 0	<a href="#">get it</a>
smg-07	01/01/1995	3 . 13 . 0	<a href="#">get it</a>
smg-08		3 . 14 . 0	
smg-09		3 . 15 . 0	
smg-10		3 . 16 . 0	
smg-11		3 . 17 . 0	
smg-12	01/01/1995	3 . 19 . 0	<a href="#">get it</a>
smg-13		3 . 20 . 0	
smg-20	13/12/1996	3 . 23 . 1	<a href="#">get it</a>

---

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 access.

# 3GPP specification status

Page 986

04 December 2003 12:04:52

WITHDRAWN specs 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, comments):  
draft 0 . 0 . 0

WG (prime / other): - / - rapporteur:  
G: yes U: MCC: N, A

remarks - general: Title may have been "Network Management (NM); Part 3: Operations and  
remarks - this release: . performance management".

---

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, comments):

WG (prime / other): - / rapporteur: N, A  
G: U: MCC: N, A

Indicate persons who left Company and wait for new One

remarks - general:  
remarks - this release:

---

32 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

## TS 32.103 (pending)

current version: none  
freeze\_meeting:  
history (event, available, version, comments):

WG (prime / other): S5 / rapporteur: N, A  
G: U: yes MCC: ZOICAS, Adrian

Indicate persons who left Company and wait for new One

remarks - general: 2003-11-05: S5 declares this spec number will not be used.  
remarks - this release:

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 987

04 December 2003 12:04:52

WITHDRAWN specs 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

---

---