

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

**Title:**             **Specs status list at the end of SA#16**

**Document for:**   **information**

The following table shows the status list at the end of SA#16.

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Active or Withdrawn / Stopped (Active specs first)  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Withdrawn / Stopped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

<?>

<?> 26 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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<b>TS 26.103</b>	<b>Speech codec list for GSM and UMTS</b>				
<?>	current version: none	WG (prime / other): S4 / -	rapporteur: HELLWIG, Karl	Telefon AB LM Ericsson	
	freeze_meeting:	G: U: yes	MCC: USAI, Paolino		
	history (event, available, version,				
			remarks - general: New after TSG#5		
			remarks - this release: .		

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## 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)

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<b>TS 21.104</b>	<b>3rd Generation mobile system Release 6 specifications</b>				
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,				
			remarks - general:		
			remarks - this release: .		

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

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

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<b>TS 22.071</b>	<b>Location Services (LCS); Stage 1</b>					
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.	
	<i>freeze_meeting:</i> tbd		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, SP-16)</i>	6 . 0 . 0				<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-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, SP-16)</i>	6 . 0 . 0				<i>remarks - general:</i> <i>remarks - this release:</i> SP-020234 slide 11 justifies existence.
<hr/>						
<b>TS 22.127</b>	<b>Service Requirement for the Open Services Access (OSA); Stage 1</b>					
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG	
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, SP-16)</i>	6 . 0 . 0				<i>remarks - general:</i> <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 22.141</b>	<b>Presence service; Stage 1</b>					
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.	
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, SP-16)</i>	6 . 0 . 0				<i>remarks - general:</i> <i>remarks - this release:</i> SP-15: Rel-6 record created due to approval of work item "Presence service enhancements".
<hr/>						
<b>TS 22.146</b>	<b>Multimedia Broadcast/Multicast Service (MBMS); Stage 1</b>					
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JARVIS, Andre	Hutchison 3G UK Limited	
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, SP-16)</i>	6 . 0 . 0				<i>remarks - general:</i> Replaces 22.946. Note that stage 2 is 23.246. <i>remarks - this release:</i> .

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



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

<b>TS 22.243</b>	<b>Distributed speech recognition based automated voice services</b>							
Rel-6	current version: 1.2.0	DRAFT	WG (prime / other): S1 /	rapporteur: WILLIAMS, David Hugh	QUALCOMM EUROPE S.A.R.L.			
	freeze_meeting: tbd		G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version, brought forwards 02/01/2002	1 . 0 . 0					<a href="#">get it</a>	remarks - general:
	from Rel-5							remarks - this release: Delayed from Rel-5.
	SP-15 27/03/2002	1 . 2 . 0	S1-020114				<a href="#">get it</a>	
<b>TS 22.250</b>	<b>IP Multimedia Subsystem (IMS) Group Management; Stage 1</b>							
Rel-6	current version: 0.1.0	DRAFT	WG (prime / other): S1 /	rapporteur: KALLIOKULJU, Juha	NOKIA MOBILE PHONES			
	freeze_meeting: tbd		G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version, draft 24/04/2002	0 . 1 . 0					<a href="#">get it</a>	remarks - general:
								remarks - this release: .
<b>TR 22.934</b>	<b>Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking</b>							
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S1 / -	rapporteur: PAINT, Frédéric	Telenor AS			
	freeze_meeting: SP-18		G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version, SP-15 19/03/2002	1 . 0 . 0	SP-020059				<a href="#">get it</a>	remarks - general:
								remarks - this release: .
<b>TR 22.940</b>	<b>IP Multimedia Subsystem (IMS) messaging; Stage 1</b>							
Rel-6	current version: 0.2.0	DRAFT	WG (prime / other): S1 /	rapporteur: KALLIOKULJU, Juha	NOKIA MOBILE PHONES			
	freeze_meeting: tbd		G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version, draft 26/03/2002	0 . 0 . 0					<a href="#">get it</a>	remarks - general:
	SP-16	0 . 2 . 0						remarks - this release: .
<b>TR 22.950</b>	<b>Priority service feasibility study</b>							
Rel-6	current version: 6.0.0		WG (prime / other): S1 / -	rapporteur: GARRAHAN, James	Telcordia Technologies, Inc.			
	freeze_meeting: tbd		G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version, SP-15 19/03/2002	1 . 0 . 0	SP-020060				<a href="#">get it</a>	remarks - general: Additional rapporteur: B Pramanik (Telcordia).
	draft	1 . 1 . 0						remarks - this release: .
	SP-16	2 . 0 . 0	SP-020260					
	SP-16	6 . 0 . 0						

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

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[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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<b>TR 22.951</b>	<b>Network sharing</b>					
Rel-6	current version: none		WG (prime / other): S1 /	rapporteur: ZARRI, Michele	T-Mobile (UK) Ltd	
	freeze_meeting: SP-15		G: U: yes	MCC: CLAYTON, Michael		
	history (event, available, version,					
				remarks - general:		
				remarks - this release:	TP-16: anticipate v1.0.0 at TP-17.	

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<b>TR 22.977</b>	<b>Feasibility study for speech-enabled services</b>					
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S1 /	rapporteur: ZARRI, Michele	T-Mobile (UK) Ltd	
	freeze_meeting: tbd		G: U: yes	MCC: CLAYTON, Michael		
	history (event, available, version,					
	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	1 . 0 . 0	SP-020259			

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

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<b>TS 23.057</b>	<b>Mobile Execution Environment (MExE); Functional description; Stage 2</b>					
Rel-6	current version: 6.0.0		WG (prime / other): T2 / -	rapporteur: BRENK, Lars	TTPCom Ltd	
	freeze_meeting: tbd		G: yes U: yes	MCC: RODERMUND, Friedhelm		
	history (event, available, version,					
	TP-15	6 . 0 . 0		remarks - general:	Apr-2001: " Station Application" removed from title.	
				remarks - this release:	.	

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<b>TS 23.127</b>	<b>Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2</b>					
Rel-6	current version: none		WG (prime / other): S2 / -	rapporteur: GOURRAUD,	ERICSSON RESEARCH CANADA	
	freeze_meeting: tbd		G: U: yes	MCC: SULTAN, Alain		
	history (event, available, version,					
				remarks - general:	Sept 00: "Open Service Architecture" removed from title.	
				remarks - this release:	SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".	

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

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

<b>TR 23.141</b>	<b>Presence service; Architecture and functional description; Stage 2</b>							
Rel-6	current version: 0.0.0 freeze_meeting: tbd history (event, available, version, draft)	DRAFT	WG (prime / other): G: U: yes	S2 /	rapporteur: MCC:	MAANSAARI, Kirsi SULTAN, Alain	NOKIA KOREA	
	0 . 0 . 0							remarks - general: Created on request of rapporteur. remarks - this release: .
<b>TS 23.228</b>	<b>IP Multimedia Subsystem (IMS); Stage 2</b>							
Rel-6	current version: none freeze_meeting: tbd history (event, available, version,		WG (prime / other): G: yes U: yes	S2 / -	rapporteur: MCC:	TOWLE, Thomas SULTAN, Alain	Lucent Technologies	
								remarks - general: remarks - this release: .
<b>TS 23.241</b>	<b>3GPP Generic User Profile (GUP) requirements; Stage 2; Data description framework</b>							
Rel-6	current version: 0.3.0 freeze_meeting: tbd history (event, available, version, draft 28/05/2002)	DRAFT	WG (prime / other): G: U: yes	T2 /	rapporteur: MCC:	HOLOUBEK, Kevin J. RODERMUND, Friedhelm	Motorola Inc.	
	0 . 3 . 0							<a href="#">get it</a> remarks - general: Cf work item 'Generic user profile' remarks - this release: RP-15: Delayed from Rel-5.
<b>TS 23.271</b>	<b>Functional stage 2 description of location services</b>							
Rel-6	current version: 6.0.0 freeze_meeting: tbd history (event, available, version, SP-16)		WG (prime / other): G: yes U: yes	S2 / -	rapporteur: MCC:	KÅLL, Jan SULTAN, Alain	NOKIA Corporation	
	6 . 0 . 0							remarks - general: post-TSG#8: Recombined 2G and 3G spec for R00 onwards. remarks - this release: Continues 23.781
<b>TR 23.841</b>	<b>Presence service architecture</b>							
Rel-6	current version: 6.0.0 freeze_meeting: tbd history (event, available, version, SP-16 SP-16)		WG (prime / other): G: U: yes	S2 /	rapporteur: MCC:	MAANSAARI, Kirsi SULTAN, Alain	NOKIA KOREA	
	2 . 0 . 0 SP-020319 6 . 0 . 0							remarks - general: remarks - this release: TP-16: clear that service is Rel-6.

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

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**TR 23.846 Multimedia Broadcast/Multicast Service (MBMS); Stage 2**  
Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S2 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Limited  
*freeze\_meeting:* tbd *G:* *U:* yes *MCC:* SULTAN, Alain  
*history (event, available, version,*  
draft 12/04/2002 0 . 3 . 0 [get it](#) *remarks - general:* This is a preparatory report which may result in the creation of a stage 2 TS  
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 [get it](#)  
draft 28/05/2002 0 . 5 . 1 [get it](#)  
SP-16 1 . 0 . 0 SP-020361

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**TR 23.934 3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition**  
Rel-6 *current version:* 0.1.0 DRAFT *WG (prime / other):* S1 / - *rapporteur:* PAINT, Frédéric Telenor AS  
*freeze\_meeting:* SP-18 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
S2-24 07/05/2002 0 . 1 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* 2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.

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

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

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Rel-6 **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

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

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

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* tbd  
*history (event, available, version,*  
RP-16 6 . 0 . 0

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

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

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## TR 25.887 Beamforming

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

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

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

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## TR 25.889 Viable deployment of UTRA in additional and diverse spectrum arrangements; Feasibility study

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

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

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

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

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

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* tbd  
*history (event, available, version,*  
TP-15 6 . 0 . 0

*WG (prime / other):* T2 / - *rapporteur:* VACANT,  
*G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

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

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Rel-6 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

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Server ACTIVE specs Rel-6 29 .- series  
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## TS 29.163 Interworking between the IM CN subsystem and CS networks

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

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

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

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

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

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

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

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

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

*WG (prime / other):* N1 / RP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
*G: yes U: yes* *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.

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

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## TS 31.113 USAT interpreter byte codes

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

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

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

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

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<b>TS 31.114</b>	<b>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> tbd			G: U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-16	2 . 0 . 0	TP-020126					<i>remarks - general:</i>	
	TP-16	6 . 0 . 0						<i>remarks - this release:</i>	TP-15: Enhancements to Rel-5 envisaged.
<hr/>									
<b>TS 31.115</b>	<b>Secured packet structure for (U)SIM Toolkit applications</b>								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie				GEMPLUS Card International
	<i>freeze_meeting:</i> tbd			G: U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-16	2 . 0 . 0	TP-020126					<i>remarks - general:</i>	additional rapporteur: Florence Martin.
	TP-16	6 . 0 . 0						<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: has evidently migrated to Rel-6.
<hr/>									
<b>TS 31.116</b>	<b>Remote APDU Structure for (U)SIM Toolkit applications</b>								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie				GEMPLUS Card International
	<i>freeze_meeting:</i> tbd			G: yes U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-16	2 . 0 . 0	TP-020127					<i>remarks - general:</i>	additional rapporteur: Florence Martin
	TP-16	6 . 0 . 0						<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: offered for approval as Rel-6, so scrap Rel-5.

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

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<b>TS 32.140</b>	<b>Services operations management; Subscription management requirements</b>								
Rel-6	<i>current version:</i> 1.0.0	DRAFT		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey				TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.
	<i>freeze_meeting:</i> SP-16			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-15 19/03/2002	1 . 0 . 0	SP-020012 (originally Rel-5)	<a href="#">get it</a>				<i>remarks - general:</i>	
								<i>remarks - this release:</i>	SP-15: moved from Rel-5.

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

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<b>TS 32.323</b>	<b>Telecommunication management; Test management Integration Reference Point (IRP); Corba solution set</b>						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG		
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, SP-16</i>	1 . 0 . 0	SP-020328			<i>remarks - general:</i>	
						<i>remarks - this release:</i> .	
<hr/>							
<b>TS 32.411</b>	<b>Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); Requirements</b>						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> tbd		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					<i>remarks - general:</i>	
						<i>remarks - this release:</i> .	
<hr/>							
<b>TS 32.421</b>	<b>Telecommunication management; subscriber and equipment trace: Trace concepts and requirements</b>						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RONKA, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, SP-16</i>	1 . 0 . 0	SP-020330			<i>remarks - general:</i>	
						<i>remarks - this release:</i> .	
<hr/>							
<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> RONKA, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					<i>remarks - general:</i>	
						<i>remarks - this release:</i> .	
<hr/>							
<b>TS 32.423</b>	<b>Telecommunication management; subscriber and equipment trace: Trace data definition and management</b>						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RONKA, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					<i>remarks - general:</i>	
						<i>remarks - this release:</i> .	
<hr/>							

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**TS 32.663 Telecommunication management; 3G configuration management; Kernel CM CORBA solution set**

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

*WG (prime / other):* S5 / *rapporteur:* WILBER, John  
G: U: yes *MCC:* ZOICAS, Adrian

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

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**TS 32.664 Telecommunication management; 3G configuration management; Kernel CM CMIP solution set**

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

*WG (prime / other):* S5 / *rapporteur:* WILBER, John  
G: U: yes *MCC:* ZOICAS, Adrian

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

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

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**TS 41.104 GSM Release 6 specifications**

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

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

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

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

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**TR 43.930 Iur-g interface; Stage 2**  
Rel-6 *current version:* 0.4.0 DRAFT *WG (prime / other):* G2 / *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
GP-09 0 . 3 . 0 GP-020733 *remarks - general:*  
GP-09 22/04/2002 0 . 4 . 0 GP-021274 [get it](#) *remarks - this release:* .

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

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**TR 45.811 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,*  
*remarks - general:* Renumbered from 41.811.  
*remarks - this release:* Renumbered from 41.811.

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

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**TS 52.008 Telecommunication management; GSM subscriber and equipment trace**  
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* RONKA, Kari NOKIA Corporation  
*freeze\_meeting:* tbd *G: yes U:* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

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## Rel-5

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

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

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

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

*history (event, available, version,*  
 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 5 . 0 . 0 SP-020411

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

### TS 21.111 USIM and IC card requirements

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* TP-16

*WG (prime / other):* T3 / - *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND  
*G:* U: yes *MCC:* DIETZE, Claus

*history (event, available, version,*  
 TP-16 5 . 0 . 0

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

### TR 21.801 Specification drafting rules

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-15

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

*history (event, available, version,*  
 SP-16 5 . 0 . 0

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



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Server ACTIVE specs Rel-5 21 .- series  
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**TR 21.877 Radio optimization impacts on the Packet Switched (PS) domain architecture**  
Rel-5 *current version:* 0.2.0 DRAFT WG (prime / other): S2 / - *rapporteur:* LAUTIER, Laurence NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-16 G: U: yes MCC: SULTAN, Alain  
*history (event, available, version, draft 15/04/2002 0 . 2 . 0*  
[get it](#) *remarks - general:*  
*remarks - this release:* .

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**TR 21.900 Technical Specification Group working methods**  
Rel-5 *current version:* 5.0.0 WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-15 G: U: yes MCC: POPE, Maurice  
*history (event, available, version, SP-16 5 . 0 . 0*  
*remarks - general:*  
*remarks - this release:* .

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**TR 21.905 Vocabulary for 3GPP Specifications**  
Rel-5 *current version:* 5.4.0 WG (prime / other): S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd  
*freeze\_meeting:* SP-15 G: U: yes MCC: CLAYTON, Michael  
*history (event, available, version, SP-12 27/06/2001 5 . 0 . 0*  
SP-13 05/10/2001 5 . 1 . 0  
SP-14 10/01/2002 5 . 2 . 0  
SP-15 25/03/2002 5 . 3 . 0  
SP-16 5 . 4 . 0  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)  
[get it](#)

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

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**TS 22.001 Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)**  
Rel-5 *current version:* 5.0.0 WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-16 G: yes U: yes MCC: CLAYTON, Michael  
*history (event, available, version, SP-16 5 . 0 . 0*  
*remarks - general:* Transfer>TSG#5  
*remarks - this release:* .

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<b>TS 22.002</b>	<b>Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-16	5 . 0 . 0					<i>remarks - general:</i>	Transfer>TSG#4	
							<i>remarks - this release:</i>	.	
<hr/>									
<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,</i>								
	SP-14 10/01/2002	5 . 0 . 0		<a href="#">get it</a>			<i>remarks - general:</i>	Transfer>TSG#5	
	SP-15 25/03/2002	5 . 1 . 0		<a href="#">get it</a>			<i>remarks - this release:</i>	.	
	SP-16	5 . 2 . 0							
<hr/>									
<b>TS 22.004</b>	<b>General on Supplementary Services</b>								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
							<i>remarks - general:</i>	Transfer>TSG#4	
							<i>remarks - this release:</i>	.	
<hr/>									
<b>TS 22.011</b>	<b>Service accessibility</b>								
Rel-5	<i>current version:</i> 5.0.0	<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,</i>								
	SP-16	5 . 0 . 0					<i>remarks - general:</i>	Transfer>TSG#4	
							<i>remarks - this release:</i>	.	
<hr/>									
<b>TS 22.016</b>	<b>International Mobile Equipment Identities (IMEI)</b>								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
							<i>remarks - general:</i>	Transfer>TSG#4	
							<i>remarks - this release:</i>	.	

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<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,</i> SP-16	5 . 0 . 0			<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,</i> SP-16	5 . 0 . 0			<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 22.032</b>	<b>Immediate Service Termination (IST); Service description; Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> SP-16	5 . 0 . 0			<i>remarks - general:</i> SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 22.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> SP-16	5 . 0 . 0			<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 22.038</b>	<b>USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</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>			

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<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,</i>										
	SP-16	5 . 0 . 0					<i>remarks - general:</i> Transfer>TSG#4				
							<i>remarks - this release:</i> .				
<b>TS 22.042</b>	<b>Network Identity and Time Zone (NITZ) service description; Stage 1</b>										
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB					
	<i>freeze_meeting:</i> SP-16		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>										
	SP-16	5 . 0 . 0					<i>remarks - general:</i> Transfer>TSG#4				
							<i>remarks - this release:</i> .				
<b>TS 22.053</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>										
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-16		G: yes U: yes		<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>										
							<i>remarks - general:</i> Transfer>TSG#4.				
							<i>remarks - this release:</i> .				
<b>TS 22.057</b>	<b>Mobile Execution Environment (MExE) service description; Stage 1</b>										
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd					
	<i>freeze_meeting:</i> SP-15		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>										
	SP-09 18/10/2000	5 . 0 . 0					<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution				
	SP-11 02/04/2001	5 . 1 . 0					<i>remarks - this release:</i> Environment (MExE); Stage 1".				
	SP-13 05/10/2001	5 . 2 . 0									
	SP-15 25/03/2002	5 . 3 . 0									
edito post	SP-15 04/04/2002	5 . 3 . 1									
	SP-16	5 . 4 . 0									

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<b>TS 22.060</b>	<b>General Packet Radio Service (GPRS); Service description; Stage 1</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</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 5 . 2 . 0					
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<b>TS 22.066</b>	<b>Support of Mobile Number Portability (MNP); Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	ETSI Secretariat
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	SP-16 5 . 0 . 0				<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 22.067</b>	<b>enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	SP-16 5 . 0 . 0				<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 22.071</b>	<b>Location Services (LCS); Stage 1</b>					
Rel-5	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	WOHLERT, Randolph	SBC Communications Inc.
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	SP-14 10/01/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	
	SP-15 25/03/2002 5 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> .	
	edito post SP-15 04/04/2002 5 . 1 . 1			<a href="#">get it</a>		
<hr/>						
<b>TS 22.072</b>	<b>Call Deflection (CD); Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	RAUCH, Horst	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	SP-16 5 . 0 . 0				<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	

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<b>TS 22.076</b>	<b>Noise suppression for the AMR codec; Service description; Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting: SP-16	G: yes U: yes		MCC:	USAI, Paolino	
	history (event, available, version, SP-16	5 . 0 . 0		remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 22.078</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1</b>					
Rel-5	current version: 5.7.0	WG (prime / other):	S1 / -	rapporteur:	GRECH, Michel	Lucent Technologies Network Systems UK
	freeze_meeting: SP-15	G: yes U: yes		MCC:	CLAYTON, Michael	
	history (event, available, version, SP-09 09/11/2000	5 . 0 . 0	unclear how to implement CR	<a href="#">get it</a>	remarks - general:	
	SP-10 08/01/2001	5 . 1 . 0		<a href="#">get it</a>	remarks - this release:	
	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	5 . 7 . 0				
<hr/>						
<b>TS 22.079</b>	<b>Support of optimal routing; Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael	
	history (event, available, version, SP-16	5 . 0 . 0		remarks - general:	Transfer>TSG#4	
				remarks - this release:		
<hr/>						
<b>TS 22.081</b>	<b>Line Identification supplementary services; Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	AHNBERG, Tomas	Indicate persons who left Company and wait for new One
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael	
	history (event, available, version, SP-16	5 . 0 . 0		remarks - general:	Transfer>TSG#4	
				remarks - this release:		

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<b>TS 22.082</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>	Rel-5 current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16) 5 . 0 . 0	WG (prime / other): S1 / - G: yes U: yes	rapporteur: EVEN, Anne MCC: CLAYTON, Michael	France Telecom	remarks - general: Transfer>TSG#4 remarks - this release: .
<b>TS 22.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1</b>	Rel-5 current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16) 5 . 0 . 0	WG (prime / other): S1 / - G: yes U: yes	rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael	ETSI Secretariat	remarks - general: Transfer>TSG#4 remarks - this release: .
<b>TS 22.084</b>	<b>MultiParty (MPY) supplementary service; Stage 1</b>	Rel-5 current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16) 5 . 0 . 0	WG (prime / other): S1 / - G: yes U: yes	rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael	ETSI Secretariat	remarks - general: Transfer>TSG#4 remarks - this release: .
<b>TS 22.085</b>	<b>Closed User Group (CUG) supplementary services; Stage 1</b>	Rel-5 current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16) 5 . 0 . 0	WG (prime / other): S1 / - G: yes U: yes	rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael	ETSI Secretariat	remarks - general: Transfer>TSG#4 remarks - this release: .
<b>TS 22.086</b>	<b>Advice of Charge (AoC) supplementary services; Stage 1</b>	Rel-5 current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16) 5 . 0 . 0	WG (prime / other): S1 / - G: yes U: yes	rapporteur: DWYER, Paul MCC: CLAYTON, Michael	NORTEL NETWORKS (EUROPE)	remarks - general: Transfer>TSG#4 remarks - this release: .

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<b>TS 22.087</b>	<b>User-to-user signalling (UUS); Stage 1</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	BRADEN, Christian	T-MOBILE DEUTSCHLAND			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-16)	5 . 0 . 0		remarks - general:	Transfer>TSG#4				
				remarks - this release:	.				
<b>TS 22.088</b>	<b>Call Barring (CB) supplementary services; Stage 1</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-16)	5 . 0 . 0		remarks - general:	Transfer>TSG#4				
				remarks - this release:	.				
<b>TS 22.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 1</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-16)	5 . 0 . 0		remarks - general:	Transfer>TSG#4				
				remarks - this release:	.				
<b>TS 22.091</b>	<b>Explicit Call Transfer (ECT) supplementary service; Stage 1</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-16)	5 . 0 . 0		remarks - general:	Transfer>TSG#4				
				remarks - this release:	.				
<b>TS 22.093</b>	<b>Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-16)	5 . 0 . 0		remarks - general:	Transfer>TSG#4				
				remarks - this release:	.				

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<b>TS 22.094</b>	<b>Follow Me service description - Stage 1</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	BERGMANN, Ansgar	ETSI Secretariat			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-16	5 . 0 . 0					remarks - general:	Transfer>TSG#4. GSM only @TSG#5	
							remarks - this release:	.	
<hr/>									
<b>TS 22.096</b>	<b>Name identification supplementary services; Stage 1</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-16	5 . 0 . 0					remarks - general:	Transfer>TSG#4	
							remarks - this release:	.	
<hr/>									
<b>TS 22.097</b>	<b>Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-16	5 . 0 . 0					remarks - general:	Transfer>TSG#4	
							remarks - this release:	.	
<hr/>									
<b>TS 22.101</b>	<b>Service aspects; Service principles</b>								
Rel-5	current version: 5.6.0	WG (prime / other):	S1 / -	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-15	G: U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-09 18/10/2000	5 . 0 . 0					remarks - general:		
	SP-10 08/01/2001	5 . 1 . 0		<a href="#">get it</a>			remarks - this release:		
	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	5 . 6 . 0							

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<b>TS 22.105</b>	<b>Services &amp; service capabilities</b>						
Rel-5	current version: 5.2.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom	
	freeze_meeting: SP-15	G:	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-13 05/10/2001						5 . 0 . 0
	SP-15 25/03/2002						5 . 1 . 0
	SP-16						5 . 2 . 0
							<a href="#">get it</a> remarks - general:
							<a href="#">get it</a> remarks - this release: .
<b>TS 22.112</b>	<b>USIM toolkit interpreter; Stage 1</b>						
Rel-5	current version: 5.0.0	WG (prime / other):	T3 / -	rapporteur:	MEYER, Michael	GIESECKE & DEVRIENT GmbH	
	freeze_meeting: TP-15	G:	U: yes	MCC:	DIETZE, Claus		
	history (event, available, version,						
	TP-13 12/10/2001						5 . 0 . 0
							<a href="#">get it</a> remarks - general:
							remarks - this release: .
<b>TS 22.115</b>	<b>Service Aspects Charging and billing</b>						
Rel-5	current version: 5.2.0	WG (prime / other):	S1 / -	rapporteur:	MONTEGROSSO,	TELECOM ITALIA S.p.A.	
	freeze_meeting: SP-15	G: yes	U: yes	MCC:	Emanuele CLAYTON, Michael		
	history (event, available, version,						
	SP-11 02/04/2001						5 . 0 . 0
	SP-12 27/06/2001						5 . 1 . 0
	SP-15 28/03/2002						5 . 2 . 0
							<a href="#">get it</a> remarks - general:
							<a href="#">get it</a> remarks - this release:
							<a href="#">get it</a>
<b>TR 22.121</b>	<b>Service aspects; The Virtual Home Environment; Stage 1</b>						
Rel-5	current version: 5.3.1	WG (prime / other):	S1 / -	rapporteur:	OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited	
	freeze_meeting: SP-15	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-11 02/04/2001						5 . 0 . 0
	SP-12 27/06/2001						5 . 1 . 0
	SP-14 10/01/2002						5 . 2 . 0
	SP-15 28/03/2002						5 . 3 . 0
	SP-16						5 . 3 . 1
							Converted from TS to TR.
							<a href="#">get it</a> remarks - general: Former title: "Provision of Services in UMTS - The Virtual Home Environment;
							<a href="#">get it</a> remarks - this release: Stage 1". SP-16: converted from TS to TR.
							<a href="#">get it</a>
							<a href="#">get it</a>

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<b>TS 22.127</b>	<b>Service Requirement for the Open Services Access (OSA); Stage 1</b>						
Rel-5	current version: 5.4.0	WG (prime / other):	S1 / -	rapporteur:	SWETINA, Joerg	SIEMENS AG	
	freeze_meeting: SP-15	G: U: yes		MCC:	CLAYTON, Michael		
history (event, available, version,							
SP-12	27/06/2001	5 . 0 . 0					
SP-13	05/10/2001	5 . 1 . 0					remarks - general:
edito	09/10/2001	5 . 1 . 1					remarks - this release: .
SP-14	10/01/2002	5 . 2 . 0					
SP-15	29/03/2002	5 . 3 . 0					
SP-16		5 . 4 . 0					

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<b>TS 22.129</b>	<b>Handover requirements between UTRAN and GERAN or other radio systems</b>						
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,							
SP-13	05/10/2001	5 . 0 . 0					remarks - general:
SP-14	10/01/2002	5 . 1 . 0					remarks - this release: .
SP-16		5 . 2 . 0					

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<b>TS 22.135</b>	<b>Multicall; Service description; Stage 1</b>						
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,							
SP-16		5 . 0 . 0					remarks - general:
							remarks - this release: .

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<b>TS 22.140</b>	<b>Service aspects; Stage 1; Multimedia Messaging Service</b>						
Rel-5	current version: 5.2.0	WG (prime / other):	S1 / -	rapporteur:	LAUMEN, Josef	SIEMENS AG	
	freeze_meeting: SP-15	G: U: yes		MCC:	CLAYTON, Michael		
history (event, available, version,							
SP-14	10/01/2002	5 . 0 . 0					remarks - general: (development in T2)
SP-15	28/03/2002	5 . 1 . 0					remarks - this release: .
SP-16		5 . 2 . 0					

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## 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 The Swedish Handicap Institute  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
SP-09 27/11/2000 1 . 0 . 0 [get it](#) *remarks - general:* SP-16: to "GERAN" set.  
SP-12 27/06/2001 2 . 0 . 0 SP-010266 [get it](#) *remarks - this release:* WI approved TSG#7  
SP-12 27/06/2001 5 . 0 . 0 [get it](#)  
SP-13 05/10/2001 5 . 1 . 0 [get it](#)  
SP-15 28/03/2002 5 . 2 . 0 [get it](#)

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## TS 22.228 Service requirements for the IP multimedia core network subsystem; Stage 1

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S1 / *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
SP-09 28/09/2000 1 . 0 . 0 [get it](#) *remarks - general:*  
SP-10 12/01/2001 5 . 0 . 0 [get it](#) *remarks - this release:* Clayton 2000-10-16: Rel-5 confirmed.  
SP-11 02/04/2001 5 . 1 . 0 [get it](#)  
SP-12 27/06/2001 5 . 2 . 0 [get it](#)  
SP-13 05/10/2001 5 . 3 . 0 [get it](#)  
SP-14 10/01/2002 5 . 4 . 0 [get it](#)  
SP-15 28/03/2002 5 . 5 . 0 [get it](#)  
SP-16 5 . 6 . 0

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## 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,*  
S1-12 0 . 1 . 0 *remarks - general:*  
S1-13 0 . 2 . 0 *remarks - this release:* .  
S1-14 0 . 3 . 0  
SP-14 02/01/2002 1 . 0 . 0 SP-010733 [get it](#)  
SP-15 19/03/2002 2 . 0 . 0 SP-020062 [get it](#)  
SP-15 27/03/2002 5 . 0 . 0 [get it](#)

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<b>TR 22.928</b>	<b>IP-based multimedia services examples</b>								
Rel-5	current version: none								
	freeze_meeting: SP-15								
	history (event, available, version,								
				WG (prime / other): S1 /		rapporteur: CATALDO, Mark			Openwave Systems (N.I.) Ltd
				G: U: yes		MCC: CLAYTON, Michael			
								remarks - general:	
								remarks - this release: .	
<b>TR 22.941</b>	<b>IP based multimedia framework; Stage 0</b>								
Rel-5	current version: 0.7.0								
	freeze_meeting: SP-15								
	history (event, available, version,								
	draft 05/07/2001	0 . 1 . 0							
	SP-12 05/07/2001	0 . 2 . 4	S1-010359, SP-010359 - not seen by	<a href="#">get it</a>				remarks - general:	
			SA1.	<a href="#">get it</a>				remarks - this release: TP-16: likely to drop out of Rel-5 if no progress soon.	
	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>					
<b>TR 22.944</b>	<b>Service requirements for UE functionality split</b>								
Rel-5	current version: 5.1.0								
	freeze_meeting: SP-15								
	history (event, available, version,								
	SP-14 02/01/2002	1 . 0 . 0	SP-010679, SP-020064	<a href="#">get it</a>				remarks - general:	
	SP-15 19/03/2002	2 . 0 . 0	SP-020064	<a href="#">get it</a>				remarks - this release: .	
	SP-15 02/04/2002	5 . 0 . 0	Not fit for SDO publication. Contains many editor's notes.	<a href="#">get it</a>					
	SP-16	5 . 1 . 0							
<b>TR 22.976</b>	<b>Study on PS domain services and capabilities</b>								
Rel-5	current version: 2.0.0								
	freeze_meeting: SP-15								
	history (event, available, version,								
	SP-08 28/06/2000	2 . 0 . 0	transferred from Rel-4	<a href="#">get it</a>				remarks - general: Created Jan-00	
								remarks - this release: 2001-12-04: Rel4->Rel-5 (Clayton).	

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<b>TS 23.002</b>	<b>Network Architecture</b>						
Rel-5	<i>current version:</i> 5.7.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain		ETSI Secretariat	
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> SULTAN, Alain			
	<i>history (event, available, version,</i>						
	SP-09 18/10/2000	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4,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	5 . 7 . 0					

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<b>TS 23.003</b>	<b>Numbering, Addressing and Identification</b>						
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GAASVIK, Per-Ola		COMVIQ GSM AB	
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>						
	NP-12 27/06/2001	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-13 03/10/2001	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .		
	NP-14 11/01/2002	5 . 2 . 0		<a href="#">get it</a>			
	NP-16	5 . 3 . 0					

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<b>TS 23.007</b>	<b>Restoration procedures</b>						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick		VODAFONE Group Plc	
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>						
	NP-16	5 . 0 . 0			<i>remarks - general:</i>		
					<i>remarks - this release:</i> .		

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<b>TS 23.008</b>	<b>Organisation of subscriber data</b>						
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf		ALCATEL SEL AG	
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>						
	NP-15 28/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-16	5 . 1 . 0			<i>remarks - this release:</i> .		

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<b>TS 23.009</b>	<b>Handover procedures</b>					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND,	Ericsson Incorporated	
	<i>freeze_meeting:</i> NP-15			Rouzbek		
	<i>history (event, available, version,</i>		<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	NP-14 08/01/2002	5 . 0 . 0				
	NP-16	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<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		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-16	5 . 0 . 0		<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 23.012</b>	<b>Location management procedures</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> NP-15		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-15 28/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 23.014</b>	<b>Support of Dual Tone Multi Frequency (DTMF) signalling</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i> NP-15		<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>					
	NP-16	5 . 0 . 0		<i>remarks - general:</i> Should not be in UMTS ????		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 23.015</b>	<b>Technical realisation of Operator Determined Barring (ODB)</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> NP-15		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-16	5 . 0 . 0		<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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<b>TS 23.016</b>	<b>Subscriber data management; Stage 2</b>				
Rel-5	current version: 5.1.0	WG (prime / other):	N4 / -	rapporteur:	VACANT,
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					
NP-15	28/03/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
NP-16		5 . 1 . 0		remarks - this release:	.

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<b>TS 23.018</b>	<b>Basic Call Handling; Technical realization</b>				
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:	Chalmers KYMALAINEN, Kimmo
history (event, available, version,					
NP-12	27/06/2001	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
NP-13	03/10/2001	5 . 1 . 0	<a href="#">get it</a>	remarks - this release:	.
NP-14	16/01/2002	5 . 2 . 0	<a href="#">get it</a>		
NP-15	28/03/2002	5 . 3 . 0	<a href="#">get it</a>		

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<b>TS 23.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 2</b>				
Rel-5	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	CARRION RODRIGO, NOKIA Corporation
	freeze_meeting: NP-15	G: yes U: yes		MCC:	Inmaculada JORGENSEN, Per Johan
history (event, available, version,					
NP-16		5 . 0 . 0		remarks - general:	
				remarks - this release:	.

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<b>TS 23.035</b>	<b>Immediate Service Termination (IST); Stage 2</b>				
Rel-5	current version: 5.0.0	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim Indicate persons who left Company and wait for new One
	freeze_meeting: SP-16	G: yes U: yes		MCC:	POPE, Maurice
history (event, available, version,					
SP-16		5 . 0 . 0		remarks - general:	SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).
				remarks - this release:	.

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<b>TS 23.038</b>	<b>Alphabets and language-specific information</b>				
Rel-5	current version: 5.0.0	WG (prime / other):	T2 / -	rapporteur:	HARRIS, Ian Teleca Limited
	freeze_meeting: TP-15	G: yes U: yes		MCC:	RODERMUND, Friedhelm
history (event, available, version,					
TP-15	21/03/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
				remarks - this release:	.

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**TR 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-16 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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**TS 23.040 Technical realization of Short Message Service (SMS)**  
Rel-5 *current version:* 5.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
NP-12 05/07/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
TP-13 03/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:* .  
TP-14 11/01/2002 5 . 2 . 0 [get it](#)  
TP-15 26/03/2002 5 . 3 . 0 [get it](#)  
TP-15 5 . 4 . 0

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**TS 23.041 Technical realization of Cell Broadcast Service (CBS)**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* TP-16 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-16 5 . 0 . 0 *remarks - general:* Transfer>TSG#4  
*remarks - this release:* .

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**TS 23.042 Compression algorithm for SMS**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-16 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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<b>TS 23.048</b>	<b>Security Mechanisms for the (U)SIM application toolkit; Stage 2</b>								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	BARNES, Nigel	MOTOROLA Ltd			
	<i>freeze_meeting:</i> TP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-12 06/07/2001	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	TP-12: replaces 43.048. TP-15: For test spec, see 31.048,			
	TP-13 12/10/2001	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.			
	TP-14 17/01/2002	5 . 2 . 0		<a href="#">get it</a>					
	TP-15 28/03/2002	5 . 3 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 23.053</b>	<b>Tandem Free Operation (TFO); Service description; Stage 2</b>								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i>	S4 / S2	<i>rapporteur:</i>	USAI, Paolino	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>	No draft.			
					<i>remarks - this release:</i>	.			
<hr/>									
<b>TS 23.057</b>	<b>Mobile Execution Environment (MExE); Functional description; Stage 2</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	BRENK, Lars	TTPCom Ltd			
	<i>freeze_meeting:</i> TP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-15 25/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	Apr-2001: " Station Application" removed from title.			
					<i>remarks - this release:</i>	.			
<hr/>									
<b>TS 23.060</b>	<b>General Packet Radio Service (GPRS) Service description; Stage 2</b>								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	DELECKI, Andrew	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-14 08/01/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4			
	SP-15 05/04/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.			
	SP-16	5 . 2 . 0							
<hr/>									
<b>TS 23.066</b>	<b>Support of GSM Mobile Number Portability (MNP) stage 2</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	LOPEZ SORIA, Luis	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-16	5 . 0 . 0			<i>remarks - general:</i>	Transfer>TSG#4, CR at TSG#5			
					<i>remarks - this release:</i>	.			

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<b>TS 23.067</b>	<b>Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> PERLICK, Vivien	SAGEM Group			
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i> NP-16	5 . 0 . 0					<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
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<b>TS 23.072</b>	<b>Call Deflection Supplementary Service; Stage 2</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i> NP-16	5 . 0 . 0					<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
<hr/>									
<b>TS 23.078</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N2 / -		<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG			
	<i>freeze_meeting:</i> NP-16		G: yes U: yes		<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version,</i> NP-16	5 . 0 . 0					<i>remarks - general:</i> CR at TSG#4,CR at TSG#5		
							<i>remarks - this release:</i> Phase 4.		
<hr/>									
<b>TS 23.079</b>	<b>Support of Optimal Routeing (SOR); Technical realization; Stage 2</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD			
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i> NP-15 28/03/2002	5 . 0 . 0					<i>remarks - general:</i> CR at TSG#4,CR at TSG#5		
	NP-16	5 . 1 . 0		<a href="#">get it</a>			<i>remarks - this release:</i> .		
<hr/>									
<b>TS 23.081</b>	<b>Line Identification supplementary services; Stage 2</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i> NP-16	5 . 0 . 0					<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		

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<b>TS 23.082</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>	Rel-5 current version: 5.0.0 freeze_meeting: NP-15 history (event, available, version, NP-16) 5 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: VACANT, MCC: KYMALAINEN, Kimmo	
remarks - general: remarks - this release: .					
<b>TS 23.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2</b>	Rel-5 current version: 5.0.0 freeze_meeting: NP-15 history (event, available, version, NP-15 28/03/2002) 5 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: RUSSELL, Nick MCC: KYMALAINEN, Kimmo	VODAFONE Group Plc
<a href="#">get it</a> remarks - general: remarks - this release: .					
<b>TS 23.084</b>	<b>MultiParty (MPY) Supplementary Service; Stage 2</b>	Rel-5 current version: 5.0.0 freeze_meeting: NP-15 history (event, available, version, NP-12 27/06/2001) 5 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: RUSSELL, Nick MCC: KYMALAINEN, Kimmo	VODAFONE Group Plc
<a href="#">get it</a> remarks - general: remarks - this release: .					
<b>TS 23.085</b>	<b>Closed User Group (CUG) Supplementary Service; Stage 2</b>	Rel-5 current version: 5.0.0 freeze_meeting: NP-15 history (event, available, version, NP-16) 5 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: DETTNER, Harald MCC: KYMALAINEN, Kimmo	SIEMENS AG
remarks - general: remarks - this release: .					
<b>TS 23.086</b>	<b>Advice of Charge (AoC) Supplementary Service; Stage 2</b>	Rel-5 current version: 5.0.0 freeze_meeting: NP-15 history (event, available, version, NP-16) 5 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: DETTNER, Harald MCC: KYMALAINEN, Kimmo	SIEMENS AG
remarks - general: remarks - this release: .					

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<b>TS 23.087</b>	<b>User-to-User Signalling (UUS) supplementary service; Stage 2</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N4 / -	rapporteur: DETTNER, Harald	SIEMENS AG		
	freeze_meeting: NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-16)	5 . 0 . 0			remarks - general:	
					remarks - this release: .	
<b>TS 23.088</b>	<b>Call Barring (CB) Supplementary Service; Stage 2</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N4 / -	rapporteur: DETTNER, Harald	SIEMENS AG		
	freeze_meeting: NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-16)	5 . 0 . 0			remarks - general:	
					remarks - this release: .	
<b>TS 23.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 2</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N4 / -	rapporteur: CROOK, Mick	ORANGE PCS LTD		
	freeze_meeting: NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-16)	5 . 0 . 0			remarks - general:	
					remarks - this release: .	
<b>TS 23.091</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 2</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE Group Plc		
	freeze_meeting: NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-16)	5 . 0 . 0			remarks - general:	
					remarks - this release: .	
<b>TS 23.093</b>	<b>Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N4 / -	rapporteur: DETTNER, Harald	SIEMENS AG		
	freeze_meeting: NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-16)	5 . 0 . 0			remarks - general:	
					remarks - this release: .	

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<b>TS 23.094</b>	<b>Follow Me Stage 2</b>	Rel-5 current version: 5.0.0 freeze_meeting: NP-15 history (event, available, version, NP-16) 5 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: SWETINA, Joerg MCC: KYMALAINEN, Kimmo	SIEMENS AG	remarks - general: Transfer>TSG#4. GSM only @TSG#5 remarks - this release: .
<b>TS 23.096</b>	<b>Name Identification Supplementary Service; Stage 2</b>	Rel-5 current version: 5.0.0 freeze_meeting: NP-15 history (event, available, version, NP-16) 5 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: DETTNER, Harald MCC: KYMALAINEN, Kimmo	SIEMENS AG	remarks - general: remarks - this release: .
<b>TS 23.097</b>	<b>Multiple Subscriber Profile (MSP) Phase 1; Stage 2</b>	Rel-5 current version: 5.0.0 freeze_meeting: NP-15 history (event, available, version, NP-16) 5 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: HEWSON, Ruth MCC: KYMALAINEN, Kimmo	VODAFONE Group Plc	remarks - general: Transfer>TSG#4,CR at TSG#5 remarks - this release: .
<b>TS 23.107</b>	<b>Quality of Service (QoS) concept and architecture</b>	Rel-5 current version: 5.5.0 freeze_meeting: SP-15 history (event, available, version, 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 5 . 5 . 0	WG (prime / other): S2 / - G: U: yes	rapporteur: GREIS, Marc MCC: SULTAN, Alain	NOKIA Corporation	get it remarks - general: was 23.907 get it remarks - this release: get it get it
<b>TS 23.108</b>	<b>Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)</b>	Rel-5 current version: 5.0.0 freeze_meeting: NP-16 history (event, available, version, NP-16) 5 . 0 . 0	WG (prime / other): N1 / - G: yes U: yes	rapporteur: SALKINTZIS, Apostolis MCC: JORGENSEN, Per Johan	MOTOROLA GmbH	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.

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<b>TS 23.116</b>	<b>Super-Charger technical realization; Stage 2</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	ALLEN, Nicholas				Indicate persons who left Company and wait for new One
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version, NP-16	5 . 0 . 0		remarks - general:	New after TSG#5				
				remarks - this release:	.				
<hr/>									
<b>TS 23.119</b>	<b>Gateway Location Register (GLR); Stage2</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	SAWADA, Masahiro				NTT DoCoMo Inc.
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version, NP-16	5 . 0 . 0		remarks - general:	New after TSG#5				
				remarks - this release:	.				
<hr/>									
<b>TS 23.122</b>	<b>Non-Access-Stratum functions related to Mobile Station (MS) in idle mode</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	HIETALAHTI, Hannu				NOKIA Corporation
	freeze_meeting: NP-15	G:	U: yes	MCC:	JORGENSEN, Per Johan				
	history (event, available, version, NP-16	5 . 0 . 0		remarks - general:					
				remarks - this release:	.				
<hr/>									
<b>TS 23.127</b>	<b>Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2</b>								
Rel-5	current version: 5.2.0	WG (prime / other):	S2 / -	rapporteur:	GOURRAUD,				ERICSSON RESEARCH CANADA
	freeze_meeting: SP-15	G:	U: yes	MCC:	SULTAN, Alain				
	history (event, available, version, SP-14 07/01/2002	5 . 0 . 0		remarks - general:	Sept 00: "Open Service Architecture" removed from title.				
	SP-15 05/04/2002	5 . 1 . 0		remarks - this release:	.				
	SP-16	5 . 2 . 0							
<hr/>									
<b>TS 23.135</b>	<b>Multicall supplementary service; Stage 2</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	MITAMURA, Kazuo				NTT COMWARE Corporation
	freeze_meeting: NP-15	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version, NP-16	5 . 0 . 0		remarks - general:					
				remarks - this release:	.				

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<b>TS 23.140</b>	<b>Multimedia Messaging Service (MMS); Functional description; Stage 2</b>								
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> LAUMEN, Josef	SIEMENS AG			
	<i>freeze_meeting:</i> TP-15		G: yes U: yes		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-13 05/10/2001	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	TP-14 11/01/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> 2002-01-25: WAP forum elements will not be ready in time for Rel-5, so suspend SDO publication till it is available.				
	TP-15 29/03/2002	5 . 2 . 0		<a href="#">get it</a>					
	TP-15	5 . 3 . 0							
<hr/>									
<b>TS 23.146</b>	<b>Technical realisation of facsimile Group 3 service - non-transparent</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> HAGIWARA, Junichiro	NTT DoCoMo Inc.			
	<i>freeze_meeting:</i> NP-15		G: U: yes		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-16	5 . 0 . 0			<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TS 23.153</b>	<b>Out of Band Transcoder Control; Stage 2</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> NP-15		G: U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-15 28/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5				
	NP-16	5 . 1 . 0			<i>remarks - this release:</i> .				
<hr/>									
<b>TS 23.172</b>	<b>Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> WIJK, Rune Werner	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> NP-16		G: U: yes		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	draft 18/04/2002	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	NP-16	2 . 0 . 0			<i>remarks - this release:</i> .				
	NP-16	5 . 0 . 0							
<hr/>									
<b>TS 23.174</b>	<b>Push service; stage 2</b>								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /		<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</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> .				

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

Rel-5 *current version:* 5.2.0  
*freeze\_meeting:* NP-15

*WG (prime / other):* N4 / - *rapporteur:* GARCIA-MENDIVE, Elena Telefon AB LM Ericsson  
*G:* U: yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-14 10/01/2002 5 . 0 . 0  
NP-15 28/03/2002 5 . 1 . 0  
NP-16 5 . 2 . 0

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

## TS 23.207 End to end quality of service concept and architecture

Rel-5 *current version:* 5.4.0  
*freeze\_meeting:* SP-15

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

*history (event, available, version,*  
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 5 . 4 . 0

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

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

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* NP-15

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

*history (event, available, version,*  
draft 30/03/2001 0 . 5 . 0  
draft 20/08/2001 0 . 5 . 2  
draft 11/09/2001 0 . 6 . 0  
draft 10/10/2001 0 . 7 . 0  
draft 05/11/2001 0 . 8 . 0  
draft 19/11/2001 0 . 9 . 0  
NP-14 05/12/2001 1 . 0 . 0 NP-010640  
draft 22/01/2002 1 . 1 . 0  
draft 06/02/2002 1 . 2 . 0  
draft 26/02/2002 2 . 0 . 0  
NP-15 19/03/2002 2 . 0 . 1 NP-020047  
NP-15 19/03/2002 5 . 0 . 0  
NP-16 5 . 1 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)  
[get it](#)  
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<b>TS 23.221</b>	<b>Architectural requirements</b>							
Rel-5	<i>current version:</i> 5.5.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-15			<i>G: yes U: yes</i>	<i>MCC:</i> SULTAN, Alain			
	<i>history (event, available, version,</i>							
	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	5 . 5 . 0						
<hr/>								
<b>TS 23.226</b>	<b>Global text telephony (GTT); Stage 2: Architecture</b>							
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	The Swedish Handicap Institute		
	<i>freeze_meeting:</i> NP-15			<i>G: yes U: yes</i>	<i>MCC:</i> SULTAN, Alain			
	<i>history (event, available, version,</i>							
	SP-12	2 . 0 . 0	SP-010336			<i>remarks - general:</i> 2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set.		
	SP-12 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>			
<hr/>								
<b>TS 23.227</b>	<b>Application and user interaction in the UE; Principles and specific requirements</b>							
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> TOMÉ, Olga	ERICSSON MOBILE COMMUNICATIONS AB		
	<i>freeze_meeting:</i> TP-15			<i>G: U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>							
	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> .		

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S2 / - *rapporteur:* TOWLE, Thomas Lucent Technologies  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* SULTAN, Alain

*history (event, available, version,*  
draft 30/11/2000 1 . 0 . 0 [get it](#) *remarks - general:*  
SP-10 10/01/2001 1 . 4 . 0 SP-000598 [get it](#) *remarks - this release:* SP-15: No IMS support in Rel-5.  
draft 06/02/2001 1 . 7 . 0 [get it](#)  
SP-11 06/04/2001 5 . 0 . 0 [get it](#)  
SP-12 02/07/2001 5 . 1 . 0 [get it](#)  
SP-13 17/10/2001 5 . 2 . 0 [get it](#)  
repair of lost figures 5 . 2 . 1  
SP-14 04/01/2002 5 . 3 . 0 [get it](#)  
SP-15 08/04/2002 5 . 4 . 0 [get it](#)  
edito post SP-15 12/04/2002 5 . 4 . 1 [get it](#)  
SP-16 5 . 5 . 0

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

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

*history (event, available, version,*  
SP-12 12/07/2001 1 . 0 . 0 SP-010338 [get it](#) *remarks - general:*  
draft 16/08/2001 1 . 1 . 0 [get it](#) *remarks - this release:* .  
SP-13 01/10/2001 2 . 0 . 0 SP-010507 [get it](#)  
SP-13 2 . 1 . 0 not made available  
SP-13 15/10/2001 5 . 0 . 0 [get it](#)  
SP-14 07/01/2002 5 . 1 . 0 [get it](#)  
SP-15 05/04/2002 5 . 2 . 0 [get it](#)

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

Rel-5 *current version:* none *WG (prime / other):* S2 / *rapporteur:* UZQUIANO, Nacho TELEFONICA DE ESPAÑA SA  
*freeze\_meeting:* SP-15 *G: U: yes* *MCC:* SULTAN, Alain

*history (event, available, version,*  
*remarks - general:* Cf work item 'Generic user profile'  
*remarks - this release:* .

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<b>TS 23.271</b>	<b>Functional stage 2 description of location services</b>								
Rel-5	current version: 5.3.0			WG (prime / other): S2 / -	rapporteur: KÅLL, Jan	NOKIA Corporation			
	freeze_meeting: SP-15			G: yes U: yes	MCC: SULTAN, Alain				
	history (event, available, version,								
	SP-13 15/10/2001	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	post-TSG#8: Recombined 2G and 3G spec for R00 onwards.			
	SP-14 07/01/2002	5 . 1 . 0		<a href="#">get it</a>	remarks - this release:	.			
	SP-15 29/03/2002	5 . 2 . 0		<a href="#">get it</a>					
	SP-16	5 . 3 . 0							
<hr/>									
<b>TS 23.278</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2</b>								
Rel-5	current version: 2.0.0		DRAFT	WG (prime / other): N2 / -	rapporteur: HOMANN, Christian	ALCATEL SEL AG			
	freeze_meeting: NP-17			G: yes U: yes	MCC: JURISIC, Andrijana				
	history (event, available, version,								
	NP-14 02/01/2002	1 . 0 . 0	NP-010586	<a href="#">get it</a>	remarks - general:	2001-10-26: renumbered from 23.178.			
	NP-15 19/03/2002	1 . 1 . 0	NP-020059	<a href="#">get it</a>	remarks - this release:	Was briefly 23.178. CAMEL Phase 4.			
	NP-16	2 . 0 . 0	NP-020207 - not approved						
<hr/>									
<b>TR 23.815</b>	<b>Charging implications of IMS architecture</b>								
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: SULTAN, Alain				
	history (event, available, version,								
	draft	0 . 0 . 0	2001-08		remarks - general:	Was 23.915.			
	S2-19	0 . 1 . 0	2001-10		remarks - this release:	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>					

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**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:* SULTAN, Alain  
*history (event, available, version,*  
draft 0 . 0 . 1 *remarks - general:*  
draft 0 . 0 . 2 *remarks - this release:* Not to progress to Rel-6: see 23.271.  
draft 0 . 0 . 3  
draft 0 . 1 . 0  
S2-21 0 . 2 . 0  
draft 0 . 3 . 0  
draft 0 . 4 . 0  
SP-14 02/01/2002 1 . 0 . 0 SP-010717 [get it](#)  
S2-23 1 . 2 . 0  
draft 19/03/2002 1 . 3 . 0 [get it](#)  
SP-15 2 . 0 . 0 not presented  
SP-16 2 . 1 . 0 SP-020379  
SP-16 5 . 0 . 0

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**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:* SULTAN, Alain  
*history (event, available, version,*  
SP-13 16/10/2001 5 . 0 . 0 derived from SP-010508 [get it](#) *remarks - general:* SP-13: changed number from 23.974.  
SP-14 04/04/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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**TR 23.908 Technical report on Pre-Paging**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-16 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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<b>TR 23.909</b>	<b>Technical report on the Gateway Location Register</b>				
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David VODAFONE LTD
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	Chalmers KYMALAINEN, Kimmo
history (event, available, version,	NP-16	5 . 0 . 0		remarks - general:	
				remarks - this release:	.
<hr/>					
<b>TR 23.910</b>	<b>Circuit switched data bearer services</b>				
Rel-5	current version: 5.0.0	WG (prime / other):	N3 / -	rapporteur:	WIJK, Rune Werner Telefon AB LM Ericsson
	freeze_meeting: NP-15	G:	U: yes	MCC:	BOSWARTHICK, David
history (event, available, version,	NP-14 11/01/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)
				remarks - this release:	.
<hr/>					
<b>TR 23.911</b>	<b>Technical report on Out-of-band transcoder control</b>				
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo ETSI Secretariat
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo
history (event, available, version,	NP-16	5 . 0 . 0		remarks - general:	
				remarks - this release:	.
<hr/>					
<b>TR 23.912</b>	<b>Technical report on Super-Charger</b>				
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain NORTEL NETWORKS (EUROPE)
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo
history (event, available, version,	NP-16	5 . 0 . 0		remarks - general:	
				remarks - this release:	.
<hr/>					
<b>TR 23.955</b>	<b>Virtual Home Environment (VHE) concepts</b>				
Rel-5	current version: 0.1.0	WG (prime / other):	S2 / -	rapporteur:	SULTAN, Alain ETSI Secretariat
	freeze_meeting: SP-16	G:	U: yes	MCC:	SULTAN, Alain
history (event, available, version,	draft 08/01/2001	0 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	draft 24/01/2001	0 . 1 . 0	<a href="#">get it</a>	remarks - this release:	.

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

<b>TS 24.002</b>	<b>GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration</b>								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
	history (event, available, version, NP-16	G: yes U: yes	MCC: JORGENSEN, Per Johan					remarks - general: remarks - this release: .	
	5 . 0 . 0								
<b>TS 24.007</b>	<b>Mobile radio interface signalling layer 3; General Aspects</b>								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N1 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd					
	history (event, available, version, NP-16	G: yes U: yes	MCC: JORGENSEN, Per Johan					remarks - general: Transfer>TSG#4,CR at TSG#5 remarks - this release: .	
	5 . 0 . 0								
<b>TS 24.008</b>	<b>Mobile radio interface Layer 3 specification; Core network protocols; Stage 3</b>								
Rel-5	current version: 5.4.0 freeze_meeting: NP-15	WG (prime / other): N1 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd					
	history (event, available, version, NP-12 13/07/2001 NP-13 05/10/2001 NP-14 10/01/2002 NP-15 21/03/2002 NP-16	G: yes U: yes	MCC: JORGENSEN, Per Johan					remarks - general: CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to remarks - this release: . be resolved till Jun00.	
	5 . 0 . 0 5 . 1 . 0 5 . 2 . 0 5 . 3 . 0 5 . 4 . 0								
	<a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>								
<b>TS 24.010</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects</b>								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
	history (event, available, version, NP-16	G: yes U: yes	MCC: KYMALAINEN, Kimmo					remarks - general: remarks - this release: .	
	5 . 0 . 0								

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

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<b>TS 24.080</b>	<b>Mobile radio Layer 3 supplementary service specification; Formats and coding</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	DETTNER, Harald	SIEMENS AG
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
<i>history (event, available, version,</i>						
	NP-15 28/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	NP-16	5 . 1 . 0			<i>remarks - this release:</i>	
<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>	DETTNER, Harald	SIEMENS AG
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
<i>history (event, available, version,</i>						
	NP-16	5 . 0 . 0			<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>	DETTNER, Harald	SIEMENS AG
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
<i>history (event, available, version,</i>						
	NP-16	5 . 0 . 0			<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
<b>TS 24.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	RUSSELL, Nick	VODAFONE Group Plc
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
<i>history (event, available, version,</i>						
	NP-16	5 . 0 . 0			<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
<b>TS 24.084</b>	<b>MultiParty (MPTY) Supplementary Service; Stage 3</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	RUSSELL, Nick	VODAFONE Group Plc
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
<i>history (event, available, version,</i>						
	NP-16	5 . 0 . 0			<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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<b>TS 24.085</b>	<b>Closed User Group (CUG) Supplementary Service; Stage 3</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N4 / -	rapporteur: DETTNER, Harald	SIEMENS AG		
	freeze_meeting: NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-16	5 . 0 . 0			remarks - general:	
					remarks - this release: .	
<b>TS 24.086</b>	<b>Advice of Charge (AoC) Supplementary Service; Stage 3</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N4 / -	rapporteur: DETTNER, Harald	SIEMENS AG		
	freeze_meeting: NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-16	5 . 0 . 0			remarks - general:	
					remarks - this release: .	
<b>TS 24.087</b>	<b>User-to-User Signalling (UUS); Stage 3</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N4 / -	rapporteur: DETTNER, Harald	SIEMENS AG		
	freeze_meeting: NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-16	5 . 0 . 0			remarks - general:	
					remarks - this release: .	
<b>TS 24.088</b>	<b>Call Barring (CB) Supplementary Service; Stage 3</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N4 / -	rapporteur: DETTNER, Harald	SIEMENS AG		
	freeze_meeting: NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-16	5 . 0 . 0			remarks - general:	
					remarks - this release: .	
<b>TS 24.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 3</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N4 / -	rapporteur: BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH		
	freeze_meeting: NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-16	5 . 0 . 0			remarks - general:	
					remarks - this release: .	

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<b>TS 24.091</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 3</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16	5 . 0 . 0		remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 24.093</b>	<b>Call Completion to Busy Subscriber (CCBS); Stage 3</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16	5 . 0 . 0		remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 24.096</b>	<b>Name Identification Supplementary Service; Stage 3</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16	5 . 0 . 0		remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 24.135</b>	<b>Multicall supplementary service; Stage 3</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	MITAMURA, Kazuo	NTT COMWARE Corporation
	freeze_meeting: NP-15	G:	U: yes	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16	5 . 0 . 0		remarks - general:		
				remarks - this release:		

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N1 / - *rapporteur:* KISS, Krisztian NOKIA Corporation  
*freeze\_meeting:* NP-16 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*  
NP-10 05/01/2001 0 . 1 . 0 N1-001114->1378 (NP-000683) [get it](#) *remarks - general:*  
draft 26/03/2001 0 . 4 . 0 [get it](#) *remarks - this release:*  
draft 18/04/2001 0 . 5 . 0 [get it](#)  
draft 1 . 0 . 0 N1-17  
NP-12 26/06/2001 1 . 0 . 0 NP-010278 [get it](#)  
draft 26/06/2001 1 . 1 . 0 N1-010944 [get it](#)  
draft 01/08/2001 1 . 2 . 0 N1-011230 [get it](#)  
draft 11/09/2001 1 . 3 . 0 N1-011363 [get it](#)  
draft 14/09/2001 1 . 4 . 0 N1-011364 [get it](#)  
draft 05/10/2001 1 . 5 . 0 N1-011496 [get it](#)  
draft 24/10/2001 1 . 6 . 0 N1-011706 [get it](#)  
draft 19/11/2001 1 . 7 . 0 [get it](#)  
NP-14 04/12/2001 1 . 8 . 0 NP-010641 [get it](#)  
draft 22/01/2002 1 . 9 . 0 [get it](#)  
draft 06/02/2002 1 . 10 . 0 [get it](#)  
draft 26/02/2002 2 . 0 . 0 [get it](#)  
draft 26/02/2002 2 . 0 . 1 [get it](#)  
NP-15 19/03/2002 2 . 0 . 2 NP-020048 [get it](#)  
NP-15 19/03/2002 5 . 0 . 0 not yet frozen [get it](#)  
NP-16 5 . 1 . 0

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N1 / - *rporteur:* DRAGE, Keith Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*  
NP-10 0 . 0 . 6  
NP-10 05/01/2001 0 . 0 . 7 N1-001115->1379 (NP-000684) [get it](#) *remarks - general:* NP-14: confirmed that this is appropriate for GSM as well as UMTS.  
draft 26/03/2001 0 . 1 . 0 [get it](#) *remarks - this release:*  
draft 10/05/2001 0 . 2 . 0 [get it](#)  
draft 26/06/2001 0 . 3 . 0 [get it](#)  
draft 26/07/2001 0 . 4 . 0 [get it](#)  
draft 12/09/2001 0 . 5 . 0 [get it](#)  
draft 09/10/2001 0 . 6 . 0 [get it](#)  
draft 24/10/2001 0 . 7 . 0 [get it](#)  
draft 19/11/2001 0 . 8 . 0 [get it](#)  
NP-14 06/12/2001 1 . 0 . 0 NP-010642 [get it](#)  
draft 22/01/2002 1 . 1 . 0 [get it](#)  
draft 06/02/2002 1 . 2 . 0 [get it](#)  
draft 06/02/2002 1 . 2 . 1 [get it](#)  
draft 27/02/2002 2 . 0 . 0 [get it](#)  
NP-15 19/03/2002 2 . 0 . 2 NP-020049 [get it](#)  
NP-15 19/03/2002 5 . 0 . 0 not frozen [get it](#)  
NP-16 5 . 1 . 0

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 UE Radio transmission and reception (FDD)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R4 / - *rporteur:* FERNANDES, Edgar MOTOROLA Ltd  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version,*  
RP-13 03/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-14 14/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
RP-15 29/03/2002 5 . 2 . 0 [get it](#)  
RP-16 5 . 3 . 0

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

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-15 29/03/2002 5 . 0 . 0  
editor post RP-15 15/04/2002 5 . 0 . 1 Fixes change history table entry.  
RP-16 5 . 1 . 0

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

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

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

Rel-5 *current version:* 5.3.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-13 03/10/2001 5 . 0 . 0  
RP-14 14/01/2002 5 . 1 . 0  
RP-15 29/03/2002 5 . 2 . 0  
RP-16 5 . 3 . 0

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

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

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

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

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

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

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## TS 25.106 UTRA Repeater; Radio transmission and reception

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-15 29/03/2002 5 . 0 . 0  
RP-16 5 . 1 . 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:*  
*remarks - this release:* .

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## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-15 02/04/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
edito 19/04/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .  
RP-16 5 . 1 . 0

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-16 5 . 1 . 0 *remarks - this release:* .

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-13 10/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-14 17/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
RP-15 29/03/2002 5 . 2 . 0 [get it](#)  
RP-16 5 . 3 . 0

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## TS 25.141 Base station conformance testing (FDD)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-13 03/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-14 16/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
RP-15 02/04/2002 5 . 2 . 0 [get it](#)  
RP-16 5 . 3 . 0

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<b>TS 25.142</b>	<b>Base station conformance testing (TDD)</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R4 / -		<i>rapporteur:</i> MEYER, Juergen	SIEMENS AG			
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	RP-15 29/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-16	5 . 1 . 0			<i>remarks - this release:</i> .				
<b>TS 25.143</b>	<b>UTRA repeater; Conformance testing</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R4 / -		<i>rapporteur:</i> KUMMETZ, Thomas	MIKOM GmbH - Mikrotechnik zur Kommunikation			
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	RP-15 19/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Created by renumbering 25.107				
	RP-16	5 . 1 . 0			<i>remarks - this release:</i> .				
<b>TS 25.201</b>	<b>Physical layer - general description</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R1 / -		<i>rapporteur:</i> TOSKALA, Antti	NOKIA Corporation			
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> IKEDA, Shinobu				
	<i>history (event, available, version,</i>								
	RP-16	5 . 0 . 0			<i>remarks - general:</i>				
	RP-15 29/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .				
<b>TS 25.201</b>	<b>Physical layer - general description</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R1 / -		<i>rapporteur:</i> TOSKALA, Antti	NOKIA Corporation			
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> IKEDA, Shinobu				
	<i>history (event, available, version,</i>								
	RP-16	5 . 0 . 0			<i>remarks - general:</i>				
	RP-15 29/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .				
<b>TS 25.211</b>	<b>Physical channels and mapping of transport channels onto physical channels (FDD)</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R1 / -		<i>rapporteur:</i> WILDE, Andreas	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> IKEDA, Shinobu				
	<i>history (event, available, version,</i>								
	RP-15 29/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-16	5 . 1 . 0			<i>remarks - this release:</i> .				

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<b>TS 25.212</b>	<b>Multiplexing and channel coding (FDD)</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TANAKA, Yoshinori	FUJITSU Laboratories of Europe Limited		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> IKEDA, Shinobu			
	<i>history (event, available, version,</i>					
	RP-15 29/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-16 5 . 1 . 0		<i>remarks - this release:</i> .			
<b>TS 25.213</b>	<b>Spreading and modulation (FDD)</b>					
Rel-5	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CHAMBERS, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> IKEDA, Shinobu			
	<i>history (event, available, version,</i>					
	RP-15 29/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-16 5 . 1 . 0		<i>remarks - this release:</i> .			
	RP-16 5 . 1 . 1					
<b>TS 25.214</b>	<b>Physical layer procedures (FDD)</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	ETSI Secretariat		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> IKEDA, Shinobu			
	<i>history (event, available, version,</i>					
	RP-15 29/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-16 5 . 1 . 0		<i>remarks - this release:</i> .			
<b>TS 25.215</b>	<b>Physical layer; Measurements (FDD)</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	ETSI Secretariat		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> IKEDA, Shinobu			
	<i>history (event, available, version,</i>					
	RP-15 29/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<b>TS 25.221</b>	<b>Physical channels and mapping of transport channels onto physical channels (TDD)</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HIRAMATSU, Katsuhiko	Matsushita Communication Industrial Co, Ltd		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> IKEDA, Shinobu			
	<i>history (event, available, version,</i>					
	RP-15 29/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-16 5 . 1 . 0		<i>remarks - this release:</i> .			

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<b>TS 25.222</b>	<b>Multiplexing and channel coding (TDD)</b>								
Rel-5	current version: 5.1.0	WG (prime / other):	R1 / -	rapporteur:	KAHTAVA, Jussi	Nokia Japan Co. Ltd			
	freeze_meeting: RP-15	G:	U: yes	MCC:	IKEDA, Shinobu				
history (event, available, version,									
	RP-15 29/03/2002			<a href="#">get it</a>	remarks - general:				
	RP-16				remarks - this release: .				
<b>TS 25.223</b>	<b>Spreading and modulation (TDD)</b>								
Rel-5	current version: 5.1.0	WG (prime / other):	R1 / -	rapporteur:					
	freeze_meeting: RP-15	G:	U: yes	MCC:	IKEDA, Shinobu				
history (event, available, version,									
	RP-15 29/03/2002			<a href="#">get it</a>	remarks - general:				
	RP-16				remarks - this release: .				
<b>TS 25.224</b>	<b>Physical layer procedures (TDD)</b>								
Rel-5	current version: 5.1.0	WG (prime / other):	R1 / -	rapporteur:	OESTREICH, Stefan	SIEMENS AG			
	freeze_meeting: RP-15	G:	U: yes	MCC:	IKEDA, Shinobu				
history (event, available, version,									
	RP-15 29/03/2002			<a href="#">get it</a>	remarks - general:				
	RP-16				remarks - this release: .				
<b>TS 25.225</b>	<b>Physical layer; Measurements (TDD)</b>								
Rel-5	current version: 5.1.0	WG (prime / other):	R1 / -	rapporteur:	IKEDA, Shinobu	ETSI Secretariat			
	freeze_meeting: RP-15	G:	U: yes	MCC:	IKEDA, Shinobu				
history (event, available, version,									
	RP-15 02/04/2002			<a href="#">get it</a>	remarks - general:				
	RP-16				remarks - this release: .				
<b>TS 25.301</b>	<b>Radio Interface Protocol Architecture</b>								
Rel-5	current version: 5.1.0	WG (prime / other):	R2 / -	rapporteur:	GRANZOW, Wolfgang	ERICSSON Eurolab Deutschland GmbH			
	freeze_meeting: RP-15	G:	U: yes	MCC:	VAN DER VEEN, Hans				
history (event, available, version,									
	RP-15 19/03/2002			<a href="#">get it</a>	remarks - general:				
	RP-16				remarks - this release: .				

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<b>TS 25.302</b>	<b>Services provided by the physical layer</b>								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 19/03/2002	5	.	0	.	0			
	RP-16	5	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i> V3.0.0 approved via e-mail July 99 CR at TSG#5?	
								<i>remarks - this release:</i> .	
<b>TS 25.303</b>	<b>Interlayer procedures in Connected Mode</b>								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 19/03/2002	5	.	0	.	0			
	RP-16	5	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	
<b>TS 25.304</b>	<b>UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode</b>								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 19/03/2002	5	.	0	.	0			
	RP-16	5	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	
<b>TS 25.305</b>	<b>User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2</b>								
Rel-5	<i>current version:</i> 5.4.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-11 27/03/2001	5	.	0	.	0			
	RP-12 19/06/2001	5	.	1	.	0			
	RP-13 02/10/2001	5	.	2	.	0			
	RP-14 04/01/2002	5	.	3	.	0			
	RP-15 19/03/2002	5	.	4	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i> Created from 25.923	
							<a href="#">get it</a>	<i>remarks - this release:</i>	
							<a href="#">get it</a>		
							<a href="#">get it</a>		
<b>TS 25.306</b>	<b>UE Radio Access capabilities definition</b>								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 19/03/2002	5	.	0	.	0			
	RP-16	5	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i> Converted from TR 25.926 at TSG#10.	
								<i>remarks - this release:</i> .	

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## TS 25.307 Requirements on UEs supporting a release-independent frequency band

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R2 / R4 *rappporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* VAN DER VEEN, Hans  
*history (event, available, version,*  
RP-15 19/03/2002 5 . 0 . 0

[get it](#)

*remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling  
*remarks - this release:* Expect continual updates each time a new band is allowed. requirements, R4 = RF &

RMM requirements.

## TS 25.308 UTRA High Speed Downlink Packet Access (HSPDA); Overall description; Stage 2

Rel-5 *current version:* 5.2.0 *WG (prime / other):* R2 / *rappporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* VAN DER VEEN, Hans  
*history (event, available, version,*  
RP-13 01/10/2001 0 . 1 . 0 RP-010643 for approval [get it](#) *remarks - general:* TS created from entrails of TR 25.855.  
RP-13 02/10/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .  
RP-14 04/01/2002 5 . 1 . 0 [get it](#)  
RP-15 21/03/2002 5 . 2 . 0 [get it](#)

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R2 / - *rappporteur:* GESSNER, Christina SIEMENS AG  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* VAN DER VEEN, Hans  
*history (event, available, version,*  
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-16 5 . 1 . 0 *remarks - this release:* .

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R2 / - *rappporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* VAN DER VEEN, Hans  
*history (event, available, version,*  
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-16 5 . 1 . 0 *remarks - this release:* .

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R2 / - *rappporteur:* HANS, Martin SIEMENS AG  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* VAN DER VEEN, Hans  
*history (event, available, version,*  
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-16 5 . 1 . 0 *remarks - this release:* .

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<b>TS 25.324</b>	<b>Broadcast/Multicast Control (BMC)</b>					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> HARTL, Mike		Vodafone D2 GmbH
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans		
	<i>history (event, available, version,</i>					
	RP-15 19/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-16	5 . 1 . 0			<i>remarks - this release:</i> .	
<hr/>						
<b>TS 25.331</b>	<b>Radio Resource Control (RRC) protocol specification</b>					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KUCHIBHOTLA, Ravi		MOTOROLA Ltd
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans		
	<i>history (event, available, version,</i>					
	RP-15 04/04/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-16	5 . 1 . 0			<i>remarks - this release:</i> .	
<hr/>						
<b>TS 25.401</b>	<b>UTRAN Overall Description</b>					
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> TAYLOR, Carolyn		
	<i>history (event, available, version,</i>					
	RP-12 06/07/2001	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Approval at TSG#5	
	RP-13 12/10/2001	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .	
	RP-15 02/04/2002	5 . 2 . 0		<a href="#">get it</a>		
	RP-16	5 . 3 . 0				
<hr/>						
<b>TS 25.402</b>	<b>Synchronisation in UTRAN Stage 2</b>					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PIOLINI, Flavio		SIEMENS Information and Communication Networks SpA
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> TAYLOR, Carolyn		
	<i>history (event, available, version,</i>					
	RP-15 02/04/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> New	
	RP-16	5 . 1 . 0			<i>remarks - this release:</i> .	
<hr/>						
<b>TS 25.410</b>	<b>UTRAN Iu Interface: General Aspects and Principles</b>					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard		mm02 plc
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> TAYLOR, Carolyn		
	<i>history (event, available, version,</i>					
	RP-15 25/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Approval at TSG#5	
	RP-16	5 . 1 . 0			<i>remarks - this release:</i> .	

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<b>TS 25.411</b>	<b>UTRAN Iu interface layer 1</b>								
Rel-5	current version: 5.0.0								
	freeze_meeting: RP-15								
history (event, available, version,									
	RP-15 25/03/2002	5	.	0	.	0			
	RP-15 25/03/2002	5	.	0	.	0			
							<a href="#">get it</a>	remarks - general:	
							<a href="#">get it</a>	remarks - this release:	.
<b>TS 25.411</b>	<b>UTRAN Iu interface layer 1</b>								
Rel-5	current version: 5.0.0								
	freeze_meeting: RP-15								
history (event, available, version,									
	RP-15 25/03/2002	5	.	0	.	0			
	RP-15 25/03/2002	5	.	0	.	0			
							<a href="#">get it</a>	remarks - general:	
							<a href="#">get it</a>	remarks - this release:	.
<b>TS 25.412</b>	<b>UTRAN Iu interface signalling transport</b>								
Rel-5	current version: 5.0.0								
	freeze_meeting: RP-15								
history (event, available, version,									
	RP-15 25/03/2002	5	.	0	.	0			
							<a href="#">get it</a>	remarks - general:	
								remarks - this release:	.
<b>TS 25.413</b>	<b>UTRAN Iu interface RANAP signalling</b>								
Rel-5	current version: 5.1.0								
	freeze_meeting: RP-15								
history (event, available, version,									
	RP-15 02/04/2002	5	.	0	.	0			
	RP-16	5	.	1	.	0			
							<a href="#">get it</a>	remarks - general:	
								remarks - this release:	.
<b>TS 25.414</b>	<b>UTRAN Iu interface data transport &amp; transport signalling</b>								
Rel-5	current version: 5.1.0								
	freeze_meeting: RP-15								
history (event, available, version,									
	RP-15 02/04/2002	5	.	0	.	0			
	RP-16	5	.	1	.	0			
							<a href="#">get it</a>	remarks - general:	
								remarks - this release:	.

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<b>TS 25.415</b>	<b>UTRAN Iu interface user plane protocols</b>						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> MAUPIN, Alain	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>						
	RP-15 25/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-16 5 . 1 . 0		<i>remarks - this release:</i> .				
<hr/>							
<b>TS 25.419</b>	<b>UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)</b>						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TAYLOR, Carolyn	Motorola Ltd			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>						
	TP-15 25/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-16 5 . 1 . 0		<i>remarks - this release:</i> .				
<hr/>							
<b>TS 25.420</b>	<b>UTRAN Iur Interface: General Aspects and Principles</b>						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
<hr/>							
<b>TS 25.421</b>	<b>UTRAN Iur interface Layer 1</b>						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	SIEMENS AG			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>						
	TP-15 25/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
<hr/>							
<b>TS 25.422</b>	<b>UTRAN Iur interface signalling transport</b>						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				

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<b>TS 25.423</b>	<b>UTRAN Iur interface RNSAP signalling</b>							
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RUNE, Göran	Ericsson AB			
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>							
	RP-15 02/04/2002	5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-16	5 . 1 . 0					<i>remarks - this release:</i> .	
<hr/>								
<b>TS 25.424</b>	<b>UTRAN Iur interface data transport &amp; transport signalling for CCH data streams</b>							
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.			
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>							
	RP-15 02/04/2002	5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-16	5 . 1 . 0					<i>remarks - this release:</i> .	
<hr/>								
<b>TS 25.425</b>	<b>UTRAN Iur interface user plane protocols for CCH data streams</b>							
Rel-5	<i>current version:</i> 5.1.0		<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> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>							
	RP-15 02/04/2002	5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-16	5 . 1 . 0					<i>remarks - this release:</i> .	
<hr/>								
<b>TS 25.426</b>	<b>UTRAN Iur and Iub interface data transport &amp; transport signalling for DCH data streams</b>							
Rel-5	<i>current version:</i> 5.1.0		<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> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>							
	RP-15 02/04/2002	5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-16	5 . 1 . 0					<i>remarks - this release:</i> .	
<hr/>								
<b>TS 25.427</b>	<b>UTRAN Iur and Iub interface user plane protocols for DCH data streams</b>							
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND			
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>							
	RP-15 25/03/2002	5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>	
							<i>remarks - this release:</i> .	

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R3 / - *rapporteur:* WILSON, Mick FUJITSU Laboratories of Europe Limited  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* TAYLOR, Carolyn  
*history (event, available, version,*  
 RP-15 25/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
 edito post RP-15 5 . 0 . 1 probably will not be produced; make do *remarks - this release:* .  
 with with 5.0.0  
 RP-16 5 . 1 . 0

## TS 25.431 UTRAN lub interface Layer 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* TAYLOR, Carolyn  
*history (event, available, version,*  
 RP-15 25/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

## TS 25.432 UTRAN lub interface: signalling transport

Rel-5 *current version:* 5.0.1 *WG (prime / other):* R3 / - *rapporteur:* WILSON, Mick FUJITSU Laboratories of Europe Limited  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* TAYLOR, Carolyn  
*history (event, available, version,*  
 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:* .

## TS 25.433 UTRAN lub interface NBAP signalling

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R3 / - *rapporteur:* ISHIKAWA, Nobutaka NTT DoCoMo Inc  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* TAYLOR, Carolyn  
*history (event, available, version,*  
 RP-15 04/04/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
 RP-16 5 . 1 . 0 *remarks - this release:* .

## TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R3 / - *rapporteur:* ALDEN, Magnus Telia Research AB  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* TAYLOR, Carolyn  
*history (event, available, version,*  
 RP-15 02/04/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
 RP-16 5 . 1 . 0 *remarks - this release:* .

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<b>TS 25.435</b>	<b>UTRAN lub interface user plane protocols for CCH data streams</b>								
Rel-5	current version: 5.1.0	WG (prime / other):	R3 / -	rapporteur:	CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: RP-15	G:	U: yes	MCC:	TAYLOR, Carolyn				
	history (event, available, version,								
	RP-15 02/04/2002		5 . 0 . 0	<a href="#">get it</a>	remarks - general:				
	RP-16		5 . 1 . 0		remarks - this release: .				
<b>TS 25.442</b>	<b>UTRAN implementation-specific O&amp;M transport</b>								
Rel-5	current version: 5.0.1	WG (prime / other):	R3 / -	rapporteur:	RECKER, Stephan	Indicate persons who left Company and wait for new One			
	freeze_meeting: RP-15	G:	U: yes	MCC:	TAYLOR, Carolyn				
	history (event, available, version,								
	RP-15 28/03/2002		5 . 0 . 0	<a href="#">get it</a>	remarks - general:				
	edito post RP-15		5 . 0 . 1		remarks - this release: .				
<b>TS 25.450</b>	<b>UTRAN lupo interface general aspects and principles</b>								
Rel-5	current version: 5.1.0	WG (prime / other):	R3 /	rapporteur:	LIN, le-Hong	Qualcomm Inc			
	freeze_meeting: RP-15	G:	U: yes	MCC:	TAYLOR, Carolyn				
	history (event, available, version,								
	RP-12		2 . 0 . 0		remarks - general:	RP-010400			
	RP-12 05/07/2001		5 . 0 . 0	<a href="#">get it</a>	remarks - this release: .				
	RP-14 11/01/2002		5 . 1 . 0	<a href="#">get it</a>					
<b>TS 25.451</b>	<b>UTRAN lupo interface layer 1</b>								
Rel-5	current version: 5.0.1	WG (prime / other):	R3 /	rapporteur:	LIN, le-Hong	Qualcomm Inc			
	freeze_meeting: RP-15	G:	U: yes	MCC:	TAYLOR, Carolyn				
	history (event, available, version,								
	RP-12		2 . 0 . 0		remarks - general:	RP-010401			
	RP-12 05/07/2001		5 . 0 . 0	<a href="#">get it</a>	remarks - this release: .				
	correction to 24/04/2002		5 . 0 . 1	<a href="#">get it</a>					
	history table								
<b>TS 25.452</b>	<b>UTRAN lupo interface signalling transport</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	R3 /	rapporteur:	LIN, le-Hong	Qualcomm Inc			
	freeze_meeting: RP-15	G:	U: yes	MCC:	TAYLOR, Carolyn				
	history (event, available, version,								
	RP-13 26/09/2001		2 . 0 . 0	<a href="#">get it</a>	remarks - general:	RP-010640			
	RP-13 12/10/2001		5 . 0 . 0	<a href="#">get it</a>	remarks - this release: .				

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**TS 25.453 UTRAN Iu-CS interface Positioning Calculation Application Part (PCAP) signalling**  
Rel-5 *current version:* 5.4.0 *WG (prime / other):* R3 / *rapporteur:* LIN, Ie-Hong Qualcomm Inc  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* TAYLOR, Carolyn  
*history (event, available, version,*  
RP-12 2 . 0 . 0 RP-010402 *remarks - general:*  
RP-12 05/07/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .  
RP-13 12/10/2001 5 . 1 . 0 [get it](#)  
RP-14 11/01/2002 5 . 2 . 0 [get it](#)  
RP-15 25/03/2002 5 . 3 . 0 [get it](#)  
RP-16 5 . 4 . 0

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**TR 25.854 Uplink Synchronous Transmission Scheme (USTS)**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* R1 / *rapporteur:* KIM, Duk Kyung SK TELECOM  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* IKEDA, Shinobu  
*history (event, available, version,*  
RP-13 01/10/2001 1 . 0 . 0 RP-010647 [get it](#) *remarks - general:*  
RP-11 05/04/2001 1 . 0 . 0 RP-010428 at RP-12 [get it](#) *remarks - this release:*  
RP-14 02/01/2002 2 . 0 . 0 RP-010826 [get it](#)  
RP-14 11/01/2002 5 . 0 . 0 [get it](#)

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**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:* VAN DER VEEN, Hans  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

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**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:* VAN DER VEEN, Hans  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

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<b>TR 25.858</b>	<b>Physical layer aspects of UTRA High Speed Downlink Packet Access</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	R1 / -	rapporteur:	GHOSH, Amitabha	Motorola Inc.			
	freeze_meeting: RP-15	G:	U: yes	MCC:	IKEDA, Shinobu				
	history (event, available, version,								
	RP-14 02/01/2002	1 . 0 . 0	RP-010823	<a href="#">get it</a>	remarks - general:				
	RP-15 04/04/2002	2 . 0 . 0	RP-020255	<a href="#">get it</a>	remarks - this release: .				
	RP-15 29/03/2002	5 . 0 . 0		<a href="#">get it</a>					
<hr/>									
<b>TR 25.859</b>	<b>User Equipment (UE) positioning enhancements for 1,28 Mcps TDD</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	R2 /	rapporteur:	,				
	freeze_meeting: RP-15	G:	U: yes	MCC:	VAN DER VEEN, Hans				
	history (event, available, version,								
	draft	0 . 0 . 0			remarks - general:				
	draft 04/09/2001	0 . 1 . 0		<a href="#">get it</a>	remarks - this release: .				
	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>					
<hr/>									
<b>TR 25.860</b>	<b>Radio access bearer support enhancements</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	R2 / -	rapporteur:	MIKOLA, Juha	NOKIA Corporation			
	freeze_meeting: RP-15	G:	U: yes	MCC:	VAN DER VEEN, Hans				
	history (event, available, version,								
	RP-15 19/03/2002	1 . 0 . 0	RP-020087	<a href="#">get it</a>	remarks - general:				
	RP-16	2 . 0 . 0	RP-020344		remarks - this release: .				
	RP-16	5 . 0 . 0							
<hr/>									
<b>TR 25.867</b>	<b>Feasibility study for wideband distribution systems in 3rd generation networks</b>								
Rel-5	current version: 1.0.0	WG (prime / other):	R4 /	rapporteur:	MATARASSO, Carlo	TEKMAR Sistemi Srl			
	freeze_meeting: RP-15	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-14 02/01/2002	1 . 0 . 0	RP-010794	<a href="#">get it</a>	remarks - general:				
					remarks - this release: .				

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<b>TR 25.868</b>	<b>Node B synchronization for 1,28 Mcps TDD</b>						
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HU, Jinling		CATT	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> IKEDA, Shinobu			
	<i>history (event, available, version,</i>						
	RP-13 01/10/2001 1 . 0 . 0	RP-010668	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-14 02/01/2002 1 . 1 . 0	RP-010898	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	RP-15 19/03/2002 1 . 1 . 1	RP-020202	<a href="#">get it</a>				
	RP-15 29/03/2002 5 . 0 . 0		<a href="#">get it</a>				
	post RP-15 15/04/2002 5 . 0 . 1		<a href="#">get it</a>				
	editorial						
<b>TR 25.869</b>	<b>Transmitter diversity solutions for multiple antennas</b>						
Rel-5	<i>current version:</i> 1.0.2	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KIM, Sung-Jin		Samsung Electronics Ind. Co., Ltd.	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> IKEDA, Shinobu			
	<i>history (event, available, version,</i>						
	RP-12 28/06/2001 1 . 0 . 0	RP-010344	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-13 01/10/2001 1 . 0 . 1	RP-010637	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	RP-15 19/03/2002 1 . 0 . 2	RP-020130	<a href="#">get it</a>				
<b>TR 25.870</b>	<b>Enhancement on the DSCH Hard Split mode</b>						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> KIM, Jaeyoel		Samsung Electronics Ind. Co., Ltd.	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> IKEDA, Shinobu			
	<i>history (event, available, version,</i>						
	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>				
<b>TR 25.875</b>	<b>NAS node selector function</b>						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> MCWILLIAMS, Brendan		VODAFONE Group Plc	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn			
	<i>history (event, available, version,</i>						
	RP-11 06/04/2001 0 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-14 02/01/2002 1 . 0 . 0	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>				

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**TR 25.876 Multiple-Input Multiple-Output Antenna Processing for HSDPA**  
Rel-5 *current version:* 1.0.0 DRAFT WG (prime / other): R1 / *rapporteur:* HUANG, Howard Lucent Technologies  
*freeze\_meeting:* RP-15 G: U: yes MCC: IKEDA, Shinobu  
*history (event, available, version,*  
RP-14 02/01/2002 1 . 0 . 0 RP-010796 [get it](#) *remarks - general:*  
*remarks - this release:* .

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**TR 25.877 High Speed Downlink Packet Access (HSDPA) - lub/lur Protocol Aspects**  
Rel-5 *current version:* 5.1.0 WG (prime / other): R3 / *rapporteur:* DIESEN, Michael MOTOROLA Ltd  
*freeze\_meeting:* RP-15 G: U: yes MCC: TAYLOR, Carolyn  
*history (event, available, version,*  
draft 12/10/2001 0 . 1 . 0 [get it](#) *remarks - general:*  
draft 07/11/2001 0 . 2 . 2 [get it](#) *remarks - this release:* .  
draft 02/01/2002 0 . 3 . 1 [get it](#)  
RP-15 28/02/2002 1 . 0 . 0 R3-020891 = RP-020157 [get it](#)  
RP-15 28/02/2002 2 . 0 . 0 R3-020892 = RP-020158 [get it](#)  
RP-15 25/03/2002 5 . 0 . 0 [get it](#)  
RP-16 5 . 1 . 0

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**TR 25.878 RL timing adjustment**  
Rel-5 *current version:* 5.1.0 WG (prime / other): R3 / *rapporteur:* VOLTOLINA, Elena Ericsson AB  
*freeze\_meeting:* RP-15 G: U: yes MCC: TAYLOR, Carolyn  
*history (event, available, version,*  
R3-23 11/01/2002 0 . 2 . 0 awaiting input from RAN1 & RAN2. [get it](#) *remarks - general:*  
RP-15 19/03/2002 1 . 0 . 0 RP-020139 [get it](#) *remarks - this release:* .  
RP-15 19/03/2002 2 . 0 . 0 RP-020140 [get it](#)  
RP-15 25/03/2002 5 . 0 . 0 [get it](#)  
RP-16 5 . 1 . 0

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## TR 25.879 Separation of resource reservation and radio link activation

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
R3-23 0 . 2 . 0 Status report in RP-010608.  
draft 03/12/2001 0 . 3 . 0  
draft 03/12/2001 0 . 3 . 1  
RP-15 19/03/2002 1 . 0 . 0 RP-020142  
RP-15 19/03/2002 2 . 0 . 0 RP-020143  
RP-15 25/03/2002 5 . 0 . 0

WG (prime / other): R3 /  
G: U: yes

*rapporteur:* TAYLOR, Carolyn  
*MCC:*

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

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## TS 25.880 Traffic termination point swapping

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
R3-23 0 . 1 . 0 RP-010609  
draft 11/01/2002 0 . 3 . 0  
RP-15 19/03/2002 1 . 0 . 0 RP-020145  
RP-15 19/03/2002 2 . 0 . 0 RP-020146  
RP-15 25/03/2002 5 . 0 . 0

WG (prime / other): R3 /  
G: U: yes

*rapporteur:* ISOKANGAS, Jari  
*MCC:* TAYLOR, Carolyn

NOKIA Corporation

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

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## TR 25.881 Improvement of Radio Resource Management across RNS and RNS/BSS

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
R3-23 0 . 2 . 0 Status report in RP-010611  
draft 0 . 4 . 0  
draft 0 . 4 . 1 04/12/2001  
RP-14 02/01/2002 1 . 0 . 0 RP-010922  
RP-14 02/01/2002 2 . 0 . 0 RP-010923  
RP-14 09/01/2002 5 . 0 . 0

WG (prime / other): R3 /  
G: U: yes

*rapporteur:* HWANG, Woonhee  
*MCC:* TAYLOR, Carolyn

NOKIA Corporation

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

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<b>TR 25.882</b>	<b>1,28 Mcps TDD option base station classification</b>								
Rel-5	current version: 5.0.0			WG (prime / other): R4 /		rapporteur: MEYER, Juergen	SIEMENS AG		
	freeze_meeting: RP-15			G: U: yes		MCC: GUTIERREZ MIGUELEZ, Cesar			
	history (event, available, version,								
	RP-13 01/10/2001	1 . 0 . 0	RP-010645		<a href="#">get it</a>	remarks - general:			
	RP-14 02/01/2002	1 . 1 . 0	RP-010810		<a href="#">get it</a>	remarks - this release: .			
	RP-16	2 . 0 . 0	RP-020353						
	RP-16	5 . 0 . 0							
<hr/>									
<b>TR 25.883</b>	<b>Direct Transport Bearers Between SRNC and Node-B</b>								
Rel-5	current version: 5.0.0			WG (prime / other): R3 /		rapporteur: VAN LIESHOUT,	ERICSSON EUROLAB NETHERLANDS BV		
	freeze_meeting: RP-16			G: U: yes		MCC: TAYLOR, Carolyn			
	history (event, available, version,								
	draft 03/12/2001	0 . 2 . 0			<a href="#">get it</a>	remarks - general:			
	RP-16	1 . 0 . 0	RP-020392			remarks - this release: .			
	RP-16	2 . 0 . 0	RP-020393						
	RP-16	2 . 0 . 1	RP-020452						
	RP-16	5 . 0 . 0							
<hr/>									
<b>TR 25.884</b>	<b>Iur Neighbouring cell reporting efficiency optimisation</b>								
Rel-5	current version: 5.0.0			WG (prime / other): R3 /		rapporteur: VOLTOLINA, Elena	Ericsson AB		
	freeze_meeting: NP-16			G: U: yes		MCC: TAYLOR, Carolyn			
	history (event, available, version,								
	referred to at 11/01/2002	0 . 1 . 0	Status report in RP-010606		<a href="#">get it</a>	remarks - general: Previous rapporteur: Shahrokh Amirijoo.			
	RP-13					remarks - this release: .			
	RP-15 19/03/2002	1 . 0 . 0	RP-020152		<a href="#">get it</a>				
	RP-15 19/03/2002	2 . 0 . 0	RP-020153		<a href="#">get it</a>				
	RP-15 02/04/2002	5 . 0 . 0			<a href="#">get it</a>				
<hr/>									
<b>TR 25.885</b>	<b>UMTS 1800 / 1900 MHz work items report</b>								
Rel-5	current version: 1.0.0		DRAFT	WG (prime / other): R4 /		rapporteur: NUMMINEN, Jussi	NOKIA Corporation		
	freeze_meeting: RP-15			G: U: yes		MCC: GUTIERREZ MIGUELEZ, Cesar			
	history (event, available, version,								
	RP-13 01/10/2001	1 . 0 . 0	RP-010672		<a href="#">get it</a>	remarks - general:			
						remarks - this release: .			

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**TR 25.886 Small technical enhancements and improvements work item**

Rel-5 *current version:* none WG (prime / other): R4 / *rapporteur:* KWAK, Joe Golden Bridge Technology Inc.  
*freeze\_meeting:* RP-15 G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*

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

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

Rel-5 *current version:* 1.0.0 DRAFT WG (prime / other): R1 / - *rapporteur:* LI, Xiaoqiang SAMSUNG Electronics Research Institute  
*freeze\_meeting:* RP-16 G: U: yes MCC: IKEDA, Shinobu  
*history (event, available, version,*  
RP-16 1 . 0 . 0 RP-020354

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

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

Rel-5 *current version:* 1.0.0 DRAFT WG (prime / other): R4 / *rapporteur:* FERNANDES, Edgar MOTOROLA A/S  
*freeze\_meeting:* tbd G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
draft 0 . 0 . 0  
RP-16 1 . 0 . 0 RP-020376

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

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

Rel-5 *current version:* 5.0.0 WG (prime / other): R2 / - *rapporteur:* KALLA, Gairn NOKIA UK Ltd  
*freeze\_meeting:* RP-15 G: U: yes MCC: VAN DER VEEN, Hans  
*history (event, available, version,*  
RP-15 19/03/2002 5 . 0 . 0

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

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**TR 25.922 Radio Resource Management Strategies**

Rel-5 *current version:* 5.0.0 WG (prime / other): R2 / - *rapporteur:* BULDORINI, Andrea Telecom Italia Lab S.p.A.  
*freeze\_meeting:* RP-15 G: U: yes MCC: VAN DER VEEN, Hans  
*history (event, available, version,*  
RP-15 19/03/2002 5 . 0 . 0

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*remarks - this release:* .

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<b>TR 25.951</b>	<b>Base Station classification (FDD)</b>									
Rel-5	<i>current version:</i> 1.1.0	DRAFT		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SÄYNÄJÄKANGAS, NOKIA Corporation					
	<i>freeze_meeting:</i> RP-16			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>									
	RP-13 01/10/2001 1 . 1 . 0	moved from Rel-4		<a href="#">get it</a>	<i>remarks - general:</i>					
					<i>remarks - this release:</i> 2002-01-24: Gutierrez: moved from Rel-4.					
<hr/>										
<b>TR 25.952</b>	<b>Base Station classification (TDD)</b>									
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> AXNESS, Timothy INTERDIGITAL COMMUNICATIONS					
	<i>freeze_meeting:</i> RP-15			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>									
	RP-12 2 . 0 . 0	RP-010457								
	RP-12 29/06/2001 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>					
	RP-16 5 . 1 . 0				<i>remarks - this release:</i> promoted from Rel-4 at RP-12.					
<hr/>										
<b>TR 25.956</b>	<b>UTRA repeater: Planning guidelines and system analysis</b>									
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> GARCIA LOPEZ, Lorena TELEFONICA DE ESPAÑA SA					
	<i>freeze_meeting:</i> RP-15			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>									
	RP-15 02/04/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> .					
					<i>remarks - this release:</i> .					
<hr/>										
<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> 5.0.0			<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MOSHAVI, Shimon Intel Corporation					
	<i>freeze_meeting:</i> RP-15			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>									
	RP-14 02/01/2002 1 . 0 . 0	RP-010892		<a href="#">get it</a>	<i>remarks - general:</i>					
	RP-15 19/03/2002 2 . 0 . 0	RP-020121		<a href="#">get it</a>	<i>remarks - this release:</i> .					
	RP-15 02/04/2002 5 . 0 . 0			<a href="#">get it</a>						

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<b>TS 26.071</b>	<b>AMR speech Codec; General description</b>					
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	EKUDDEN, Erik	Telefon AB LM Ericsson
	<i>freeze_meeting: SP-16</i>	G:	U: yes	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>			<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: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	EKUDDEN, Erik	Telefon AB LM Ericsson
	<i>freeze_meeting: SP-16</i>	G:	U: yes	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 26.074</b>	<b>AMR speech Codec; Test sequences</b>					
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	EKUDDEN, Erik	Telefon AB LM Ericsson
	<i>freeze_meeting: SP-16</i>	G:	U: yes	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	Transfer>TSG#4	
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 26.077</b>	<b>Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder</b>					
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	ETSI Secretariat
	<i>freeze_meeting: SP-16</i>	G:	U: yes	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 26.090</b>	<b>AMR speech Codec; Transcoding Functions</b>					
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	EKUDDEN, Erik	Telefon AB LM Ericsson
	<i>freeze_meeting: SP-16</i>	G:	U: yes	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	Transfer>TSG#4	
				<i>remarks - this release:</i>	.	

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<b>TS 26.091</b>	<b>AMR speech Codec; Error concealment of lost frames</b>					
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	EKUDDEN, Erik	Telefon AB LM Ericsson
	<i>freeze_meeting: SP-16</i>	G:	U: yes	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>			<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: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	EKUDDEN, Erik	Telefon AB LM Ericsson
	<i>freeze_meeting: SP-16</i>	G:	U: yes	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	Transfer>TSG#4	
				<i>remarks - this release:</i>	.	
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<b>TS 26.093</b>	<b>AMR speech Codec; Source Controlled Rate operation</b>					
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	EKUDDEN, Erik	Telefon AB LM Ericsson
	<i>freeze_meeting: SP-16</i>	G:	U: yes	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>			<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-5	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	ETSI Secretariat
	<i>freeze_meeting: SP-16</i>	G:	U: yes	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>			<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: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	HAGQVIST, Jari	NOKIA Corporation
	<i>freeze_meeting: SP-16</i>	G:	U: yes	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	

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<b>TS 26.102</b>	<b>AMR speech Codec; Interface to lu and Uu</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 26.103</b>	<b>Speech codec list for GSM and UMTS</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLWIG, Karl			Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5			
	SP-15 28/03/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-16 5 . 2 . 0					
<hr/>						
<b>TS 26.104</b>	<b>ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino			ETSI Secretariat
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 26.110</b>	<b>Codec for circuit switched multimedia telephony service; General description</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry			TOSHIBA CO
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 26.111</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry			TOSHIBA CO
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i> CR at TSG#5		
				<i>remarks - this release:</i> .		

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

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

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

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

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



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<b>TS 26.192</b>	<b>Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects</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: U: yes	MCC: USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
<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: U: yes	MCC: USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<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: U: yes	MCC: USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<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: U: yes	MCC: USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<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> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-15	G: U: yes	MCC: USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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<b>TS 26.204</b>	<b>ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) wideband speech codec</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> SP-15	G: U: yes	MCC:	USAI, Paolino		
<i>history (event, available, version,</i>						
	SP-14 02/01/2002	1 . 0 . 0		SP-010693	<a href="#">get it</a>	<i>remarks - general:</i>
	SP-15 19/03/2002	2 . 0 . 0		SP-020073	<a href="#">get it</a>	<i>remarks - this release:</i> .
	SP-15 28/03/2002	5 . 0 . 0			<a href="#">get it</a>	
<hr/>						
<b>TS 26.226</b>	<b>Global text telephony (GTT);Transport of text in the voice channel</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	The Swedish Handicap Institute		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	MCC:	USAI, Paolino		
<i>history (event, available, version,</i>						
	SP-11 10/04/2001	5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> SP-16: in "GERAN" set.
						<i>remarks - this release:</i> TSG#10:2.0.0=SP-000569(Rel-5)->Rel-4
<hr/>						
<b>TS 26.230</b>	<b>Global text telephony (GTT); Cellular text telephone modem transmitter C-code description</b>					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	The Swedish Handicap Institute		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	MCC:	USAI, Paolino		
<i>history (event, available, version,</i>						
	SP-11 10/04/2001	5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> SP-16: in "GERAN" set.
	correct c-code 29/05/2001	5 . 0 . 1			<a href="#">get it</a>	<i>remarks - this release:</i> TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4
<hr/>						
<b>TS 26.231</b>	<b>Global text telephony (GTT); Cellular text telephone modem minimum performance requirements</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	The Swedish Handicap Institute		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	MCC:	USAI, Paolino		
<i>history (event, available, version,</i>						
	SP-10 21/12/2000	1 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> SP-16: in "GERAN" set.
	SP-11 10/04/2001	5 . 0 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>
	SP-13 02/10/2001	5 . 1 . 0			<a href="#">get it</a>	
	SP-15 28/03/2002	5 . 2 . 0			<a href="#">get it</a>	
<hr/>						
<b>TS 26.233</b>	<b>End-to-end transparent streaming service; General description</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-15	G: U: yes	MCC:	USAI, Paolino		
<i>history (event, available, version,</i>						
	SP-15 28/03/2002	5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>
						<i>remarks - this release:</i> .

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<b>TS 26.234</b>	<b>End-to-end transparent streaming service; Protocols and codecs</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> NOHLGREN, Anders		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-15 28/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-16	5 . 1 . 0			<i>remarks - this release:</i> .				
<hr/>									
<b>TS 26.235</b>	<b>Packet switched conversational multimedia applications; Default codecs</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> OJALA, Pasi		Nokia Research Center		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-12 27/06/2001	5 . 0 . 0	based on v4.1.0	<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-15 28/03/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> SP-12: transferred to Rel-5.				
<hr/>									
<b>TS 26.236</b>	<b>Packet switched conversational multimedia applications; Transport protocols</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> OJALA, Pasi		Nokia Research Center		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-14 02/01/2002	1 . 0 . 0	SP-010694	<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-15 19/03/2002	2 . 0 . 0	SP-020074	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	SP-15 28/03/2002	5 . 0 . 0		<a href="#">get it</a>					
<hr/>									
<b>TR 26.911</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide</b>								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> HAAVISTO, Petri		Nokia Research Center		
	<i>freeze_meeting:</i> SP-16		G: U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<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-5	<i>current version:</i> none		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> FRANCESCHI, Olle		Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-16		G: U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				

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**TR 26.937 Transparent end-to-end packet switched streaming service (PSS); RTP usage model**

Rel-5 *current version:* 0.1.0 DRAFT *WG (prime / other):* S4 / - *rapporteur:* VARSA, Viktor NOKIA Corporation  
*freeze\_meeting:* tbd *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
S4-19 16/01/2002 0 . 1 . 0 S4-010679 [get it](#) *remarks - general:*  
*remarks - this release:* .

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**TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec**

Rel-5 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-16 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
*remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.  
*remarks - this release:* .

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**TR 26.976 Results of the AMR wideband (AMR-W) selection phase**

Rel-5 *current version:* 0.6.0 DRAFT *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
draft 0 . 0 . 1 *remarks - general:* Replaces 26.075.  
SP-12 27/06/2001 0 . 3 . 0 SP-010302 [get it](#) *remarks - this release:* .  
SP-14 02/01/2002 0 . 6 . 0 SP-010692 [get it](#)

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

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**TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N3 / - *rapporteur:* WIIK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
NP-15 20/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
NP-16 5 . 2 . 0

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**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:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
NP-14 11/01/2002 5 . 0 . 0  
[get it](#) *remarks - general:*  
*remarks - this release:* .

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**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:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
NP-14 11/01/2002 5 . 0 . 0  
[get it](#) *remarks - general:*  
*remarks - this release:* .

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**TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-16 5 . 0 . 0  
*remarks - general:*  
*remarks - this release:* .

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T2 / - *rapporteur:* VACANT, RODERMUND, Friedhelm  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-14 15/01/2002 5 . 0 . 0  
TP-15 04/04/2002 5 . 1 . 0  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .

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**TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-16 5 . 0 . 0  
*remarks - general:*  
*remarks - this release:* .

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<b>TS 27.060</b>	<b>Packet domain; Mobile Station (MS) supporting Packet Switched services</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd			
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-14 11/01/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> GPRS				
	NP-16	5 . 1 . 0			<i>remarks - this release:</i> .				
<hr/>									
<b>TS 27.103</b>	<b>Wide Area Network Synchronization</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> LOCKHART, Rob	Motorola Inc.			
	<i>freeze_meeting:</i> TP-15		G: yes U: yes		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-16	5 . 0 . 0			<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TS 27.104</b>	<b>vObjects and other constructs for data synchronization</b>								
Rel-5	<i>current version:</i> 0.1.1	DRAFT	<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> LOCKHART, Rob	Motorola Inc.			
	<i>freeze_meeting:</i> TP-15		G: U: yes		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-10 05/01/2001	0 . 1 . 1 SP-000657		<a href="#">get it</a>	<i>remarks - general:</i> TP-14: may be merged with 24.241				
					<i>remarks - this release:</i> TSG#11:Rel4->Rel5.				
<hr/>									
<b>TS 27.241</b>	<b>3GPP generic user profile requirements; Stage 3; Access; Common objects</b>								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> T2 /		<i>rapporteur:</i> LOCKHART, Rob	Motorola Inc.			
	<i>freeze_meeting:</i> TP-16		G: U: yes		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i> Cf work item 'Generic user profile" - may be renumbered to 24.241				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TR 27.901</b>	<b>Report on Terminal Interfaces - An Overview</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB			
	<i>freeze_meeting:</i> TP-15		G: U: yes		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-16	5 . 0 . 0			<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				

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## TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paulino  
*history (event, available, version,*  
SP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-16 5 . 1 . 0 *remarks - this release:* .

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

## TS 29.002 Mobile Application Part (MAP) specification

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald SIEMENS AG  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-14 18/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
NP-15 04/04/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
NP-16 5 . 2 . 0

## TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
NP-15 20/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
NP-16 5 . 2 . 0

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

Rel-5 *current version:* Procedures and the Mobile Application Part (MAP) 5.0.0WG (*prime / other:*) N4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-16 5 . 0 . 0 *remarks - general:* Transfer>TSG#4 (transfer??)  
*remarks - this release:* .

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## TS 29.162 Interworking between the IM CN subsystem and IP networks

Rel-5 *current version:* 1.0.0 DRAFT WG (prime / other): N3 / rapporteur: HOLLAND, Nigel mmO2 plc  
*freeze\_meeting:* NP-16 G: yes U: yes MCC: BOSWARTHICK, David  
*history (event, available, version,*  
draft 01/06/2001 0 . 1 . 0 [get it](#) *remarks - general:*  
draft 08/11/2001 0 . 3 . 0 [get it](#) *remarks - this release:* .  
draft 14/01/2002 0 . 4 . 0 [get it](#)  
draft 18/02/2002 0 . 6 . 1 [get it](#)  
NP-15 19/03/2002 1 . 0 . 0 NP-020076 [get it](#)

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

Rel-5 *current version:* 5.0.0 WG (prime / other): N5 / rapporteur: MOERDIJK, Ard-Jan Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 G: U: yes MCC: ZOICAS, Adrian  
*history (event, available, version,*  
NP-16 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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

Rel-5 *current version:* 5.0.0 WG (prime / other): N5 / rapporteur: MOERDIJK, Ard-Jan Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 G: U: yes MCC: ZOICAS, Adrian  
*history (event, available, version,*  
NP-16 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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

Rel-5 *current version:* 5.0.0 WG (prime / other): N5 / rapporteur: BENNETT, Andy Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 G: U: yes MCC: ZOICAS, Adrian  
*history (event, available, version,*  
NP-16 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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## TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-5 *current version:* 5.0.0 WG (prime / other): N5 / rapporteur: BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-15 G: U: yes MCC: ZOICAS, Adrian  
*history (event, available, version,*  
NP-16 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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

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<b>TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.	
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, NP-16	5 . 0 . 0			remarks - general:	
				remarks - this release:	.
<hr/>					
<b>TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data SCF</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.	
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, NP-16	5 . 0 . 0			remarks - general:	
				remarks - this release:	.
<hr/>					
<b>TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data SCF</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.	
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, NP-16	5 . 0 . 0			remarks - general:	
				remarks - this release:	.
<hr/>					
<b>TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control data SCF</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.	
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, NP-16	5 . 0 . 0			remarks - general:	
				remarks - this release:	.
<hr/>					
<b>TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: MCQUILLAN, Laura	LOGICA ALDISCON	
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, NP-16	5 . 0 . 0			remarks - general:	
				remarks - this release:	.

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<b>TS 29.198-06</b>	<b>Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: TWEEDIE, David	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version,						
NP-16	5 . 0 . 0				remarks - general:	
					remarks - this release: .	
<hr/>						
<b>TS 29.198-07</b>	<b>Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities</b>					
Rel-5	current version: 5.1.0	WG (prime / other): N5 /	rapporteur: SAARENPA, Matti	NOKIA Corporation		
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version,						
NP-15 27/03/2002	5 . 0 . 0				remarks - general:	
NP-16	5 . 1 . 0	<a href="#">get it</a>			remarks - this release: .	
<hr/>						
<b>TS 29.198-08</b>	<b>Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: UNMEHOPA, Musa	Lucent Technologies Nederland B.V.		
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version,						
NP-16	5 . 0 . 0				remarks - general:	
					remarks - this release: .	
<hr/>						
<b>TS 29.198-11</b>	<b>Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: SCHILDERS, Koen	Telefon AB LM Ericsson		
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version,						
NP-16	5 . 0 . 0				remarks - general:	
					remarks - this release: .	
<hr/>						
<b>TS 29.198-12</b>	<b>Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: SCHILDERS, Koen	Telefon AB LM Ericsson		
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version,						
NP-16	5 . 0 . 0				remarks - general:	
					remarks - this release: .	

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
draft 29/01/2002 0 . 0 . 1 N5-020036 [get it](#) *remarks - general:*  
draft 22/04/2002 1 . 0 . 0 [get it](#) *remarks - this release:* .  
NP-16 31/05/2002 2 . 0 . 0 NP-020195 [get it](#)  
NP-16 5 . 0 . 0

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* VENKATESH, Guda Teltier Technologies  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
draft 22/04/2002 1 . 0 . 0 [get it](#) *remarks - general:*  
NP-16 31/05/2002 2 . 0 . 0 NP-020196 [get it](#) *remarks - this release:* .  
NP-16 5 . 0 . 0

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-16 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / *rapporteur:* HEIDERMARK, Alf Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-16 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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## TS 29.207 Policy control over Go interface

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* NP-16  
*history (event, available, version,*  
draft 08/11/2001 0 . 2 . 0  
draft 14/01/2002 0 . 5 . 0  
draft 18/02/2002 0 . 6 . 0  
NP-15 19/03/2002 1 . 0 . 0 NP-020078  
draft 18/04/2002 1 . 1 . 0  
NP-16 2 . 0 . 0 NP-020167 (RFC ref needs cleaning)  
NP-16 5 . 0 . 0

WG (prime / other): N3 / -  
G: yes U: yes

*rapporteur:* YOKOTA, Daisuke Lucent Technologies Japan Ltd.  
*MCC:* BOSWARTHICK, David

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

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

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* NP-16  
*history (event, available, version,*  
draft 08/11/2001 0 . 1 . 0  
draft 14/01/2002 0 . 2 . 0  
draft 18/02/2002 0 . 3 . 1  
NP-15 19/03/2002 1 . 0 . 0 NP-020079  
draft 18/04/2002 1 . 1 . 0  
NP-16 2 . 0 . 0 NP-020166  
NP-16 5 . 0 . 0

WG (prime / other): N3 /  
G: yes U: yes

*rapporteur:* YOKOTA, Daisuke Lucent Technologies Japan Ltd.  
*MCC:* BOSWARTHICK, David

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

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

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* NP-16  
*history (event, available, version,*  
NP-12 04/07/2001 0 . 1 . 0 NP-010303  
N4-08 0 . 2 . 0 N4-010697  
N4-09 0 . 3 . 0 N4-010837  
N4-11 0 . 4 . 0 N4-011295  
draft 0 . 5 . 0 N4-01407  
NP-14 02/01/2002 1 . 0 . 0 NP-010627  
draft 28/03/2002 1 . 1 . 0  
NP-16 2 . 0 . 0 NP-020264  
NP-16 5 . 0 . 0

WG (prime / other): N4 /  
G: yes U: yes

*rapporteur:* CZOMA, Balazs SIEMENS AG  
*MCC:* KYMALAINEN, Kimmo

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* PALLARES LÓPEZ, Miguel Angel Telefon AB LM Ericsson  
*freeze\_meeting:* NP-16 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

N4-09		0	.	1	.	0		N4-010932		
N4-10		0	.	2	.	0		N4-011064		
N4-11		0	.	3	.	0		N4-011296		
N4-11		0	.	4	.	0		N4-011408		
NP-14	02/01/2002	1	.	0	.	0		NP-010628		
draft	28/03/2002	1	.	1	.	0			<a href="#">get it</a>	
NP-16		2	.	0	.	0		NP-020229		
NP-16		5	.	0	.	0			<a href="#">get it</a>	

*remarks - general:* 2nd rapporteur: CZOMA, Balazs.  
*remarks - this release:* .

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## TS 29.232 Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* NP-15 *G:* . *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-14	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		5	.	2	.	0				

*remarks - general:* Additional rapporteur: Laura.Pomponi@CSELT.IT  
*remarks - this release:* .

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## TS 29.240 3GPP generic user profile requirements; Stage 3; Network

Rel-5 *current version:* none *WG (prime / other):* N4 / *rapporteur:* KYMALAINEN, Kimmo ETSI Secretariat  
*freeze\_meeting:* NP-16 *G:* . *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

*remarks - general:* Cf work item 'Generic user profile' - may be renumbered to 27.241  
*remarks - this release:* .

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## TS 29.278 Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 3

Rel-5 *current version:* none *WG (prime / other):* N2 / - *rapporteur:* REMOQUILLO, Angelica Lucent Technologies  
*freeze\_meeting:* NP-17 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*history (event, available, version,*

*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.

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<b>TS 29.328</b>	<b>IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BERRY, Nigel. H		Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i> NP-16		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-16	2 . 0 . 0	NP-020277		<i>remarks - general:</i>	
	NP-16	5 . 0 . 0			<i>remarks - this release:</i> .	
<hr/>						
<b>TS 29.329</b>	<b>Sh interface based on the Diameter protocol</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BERRY, Nigel. H		Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i> NP-16		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-16	2 . 0 . 1	NP-020266		<i>remarks - general:</i>	
	NP-16	5 . 0 . 0			<i>remarks - this release:</i> .	
<hr/>						
<b>TS 29.414</b>	<b>Core network Nb data transport and transport signalling</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BELLING, Thomas		SIEMENS AG
	<i>freeze_meeting:</i> NP-15		G: U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	NP-15	20/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 29.415</b>	<b>Core network Nb interface user plane protocols</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> SANDERS, David		VODAFONE Group Plc
	<i>freeze_meeting:</i> NP-15		G: U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	NP-15	20/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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<b>TR 29.903</b>	<b>Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)</b>				
Rel-5	current version: 5.0.0	WG (prime / other):	N4 /	rapporteur:	YOUNG, Michael MOTOROLA Ltd
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				
		0 . 0 . 1	2001-03	remarks - general:	Supersedes 29.203.
	NP-12 04/07/2001	0 . 1 . 0	NP-010361	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	

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<b>TR 29.993</b>	<b>Modifications to be incorporated in equipment to cater for errors in the standards</b>				
Rel-5	current version: none	WG (prime / other):	RP / -	rapporteur:	COURAU, François ALCATEL S.A.
	freeze_meeting: tbd	G: yes	U: yes	MCC:	VAN DER VEEN, Hans
	history (event, available, version,				
				remarks - general:	
				remarks - this release:	.

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<b>TR 29.994</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults</b>				
Rel-5	current version: 5.0.0	WG (prime / other):	N1 / RP	rapporteur:	ANDERSEN, Niels MOTOROLA A/S
	freeze_meeting: tbd	G: yes	U: yes	MCC:	Peter Skov JORGENSEN, Per Johan
	history (event, available, version,				
	NP-16	5 . 0 . 0		remarks - general:	2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
				remarks - this release:	. latest Release version.

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<b>TR 29.998-01</b>	<b>Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping</b>				
Rel-5	current version: 5.0.0	WG (prime / other):	N5 /	rapporteur:	UNMEHOPA, Musa Lucent Technologies Nederland B.V.
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	ZOICAS, Adrian
	history (event, available, version,				
	NP-16	5 . 0 . 0		remarks - general:	
				remarks - this release:	.

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

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

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

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

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

*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
draft 19/02/2002 0 . 2 . 1 N5-020084 [get it](#)  
draft 22/04/2002 1 . 0 . 0 [get it](#)  
NP-16 31/05/2002 2 . 0 . 0 NP-020198 (RFC nos. to be [get it](#)  
NP-16 5 . 0 . 0

*remarks - general:* Evidence for existance unearthed in N5-020143.  
*remarks - this release:* .Was originally Rel-6, but moved to Rel 5 NP-15.

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

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

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

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**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 / *rporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*

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

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**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 / *rporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*

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

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

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

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

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

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**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:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version, NP-16 5 . 0 . 0* *remarks - general:*  
*remarks - this release:* .

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Rel-5 **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.002 Guidelines for the modification of the Mobile Application Part (MAP)**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo ETSI Secretariat  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, NP-16 5 . 0 . 0* *remarks - general:* .  
*remarks - this release:* .

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

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<b>TS 31.048</b>	<b>Test specification for security mechanisms for the (U)SIM application toolkit</b>								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie				GEMPLUS Card International
	<i>freeze_meeting:</i> TP-21			G: yes U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
								<i>remarks - general:</i> Test spec for 23.048.	
								<i>remarks - this release:</i>	
<b>TS 31.102</b>	<b>Characteristics of the USIM Application</b>								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> HEIM, Christian				GIESECKE & DEVRIENT GmbH
	<i>freeze_meeting:</i> TP-15			G: U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-15 28/03/2002	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
	TP-16	5	.	1	.	0			<i>remarks - this release:</i> .
<b>TS 31.103</b>	<b>Characteristics of the ISIM application</b>								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> ,				
	<i>freeze_meeting:</i> TP-16			G: yes U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-16	1	.	0	.	0	TP-020124		<i>remarks - general:</i>
	TP-16	5	.	0	.	0			<i>remarks - this release:</i> .
<b>TS 31.111</b>	<b>USIM Application Toolkit (USAT)</b>								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian				ASPECTS Software Ltd
	<i>freeze_meeting:</i> TP-15			G: yes U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</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	5	.	1	.	0			<i>remarks - this release:</i> .
<b>TS 31.112</b>	<b>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> ,				
	<i>freeze_meeting:</i> TP-15			G: U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-11 09/04/2001	1	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
	TP-13 12/10/2001	2	.	0	.	0	TP-010207	<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	5	.	2	.	0			

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<b>TS 31.113</b>	<b>USAT interpreter byte codes</b>				
Rel-5	current version: 5.3.0		WG (prime / other): T3 /	rapporteur:	
	freeze_meeting: TP-15		G: U: yes	MCC:	DIETZE, Claus
	history (event, available, version,				
	TP-11 09/04/2001 1 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	TP-13 12/10/2001 2 . 0 . 0	TP-010208	<a href="#">get it</a>	remarks - this release:	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 5 . 3 . 0				

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<b>TS 31.114</b>	<b>USAT interpreter protocol and administration</b>				
Rel-5	current version: 5.1.0		WG (prime / other): T3 /	rapporteur:	MEYER, Michael
	freeze_meeting: TP-15		G: U: yes	MCC:	DIETZE, Claus
	history (event, available, version,				GIESECKE & DEVRIENT GmbH
	TP-14 02/01/2002 1 . 0 . 0	TP-010248	<a href="#">get it</a>	remarks - general:	
	TP-15 19/03/2002 1 . 5 . 1	TP-020030	<a href="#">get it</a>	remarks - this release:	
	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 5 . 1 . 0				

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<b>TS 31.131</b>	<b>C-language binding for (U)SIM API</b>	DRAFT			
Rel-5	current version: 1.0.0		WG (prime / other): T3 /	rapporteur:	TON, Wim
	freeze_meeting: TP-16		G: U: yes	MCC:	DIETZE, Claus
	history (event, available, version,				ASPECTS Software Ltd
	TP-14 02/01/2002 1 . 0 . 0	TP-010249	<a href="#">get it</a>	remarks - general:	
				remarks - this release:	.

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<b>TR 31.900</b>	<b>SIM/USIM internal and external interworking aspects</b>				
Rel-5	current version: 5.1.0		WG (prime / other): T3 /	rapporteur:	KALINER, Stefan
	freeze_meeting: SP-15		G: U: yes	MCC:	DIETZE, Claus
	history (event, available, version,				T-MOBILE DEUTSCHLAND
	TP-15 28/03/2002 5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	TP-16 5 . 1 . 0			remarks - this release:	.

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**TS 32.101 3G Telecom Management principles and high level requirements**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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**TS 32.102 3G Telecom Management Architecture**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy Telia Mobile AB  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts  
*remarks - this release:* .

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts  
*remarks - this release:* .

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**TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts  
*remarks - this release:* .

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<b>TS 32.111-4</b>	<b>Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
	SP-15 26/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts				
	SP-16	5 . 1 . 0			<i>remarks - this release:</i> .				
<hr/>									
<b>TS 32.200</b>	<b>Telecommunication management; Charging management; Charging principles</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> AHLBÄCK, Hans	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-17		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
	SP-15 26/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-16	5 . 1 . 0			<i>remarks - this release:</i> .				
<hr/>									
<b>TS 32.205</b>	<b>Telecommunication management; Charging management; 3G charging data description for the CS domain</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BENDER, James	Nortel Networks (USA)				
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
	SP-15 27/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-16	5 . 1 . 0			<i>remarks - this release:</i> .				
<hr/>									
<b>TS 32.215</b>	<b>Telecommunications management; Charging management; Charging data description for the Packet Switched (PS) domain</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LEHNERT, Matthias	ALCATEL S.A.				
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
	SP-15 27/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-16	5 . 1 . 0			<i>remarks - this release:</i> .				
<hr/>									
<b>TS 32.225</b>	<b>Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)</b>								
Rel-5	<i>current version:</i> 1.5.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SHARON, Ariel	Lucent Technologies Networks System GmbH				
	<i>freeze_meeting:</i> SP-17		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
	SP-15 19/03/2002	1 . 0 . 0	SP-020033	<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-16	1 . 5 . 0	SP-020327		<i>remarks - this release:</i> .				

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<b>TS 32.235</b>	<b>Telecommunication management; Charging management; Charging data description for application services</b>										
Rel-5	current version: 5.0.0	WG (prime / other):	S5 /	rapporteur:	GOERMER, Gerald	SIEMENS AG					
	freeze_meeting: SP-16	G:	U: yes	MCC:	ZOICAS, Adrian						
history (event, available, version,	SP-16	5 . 0 . 0						remarks - general:			
								remarks - this release:	.		

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<b>TS 32.300</b>	<b>Telecommunication management; 3G configuration management; Name convention for Managed Objects</b>										
Rel-5	current version: 5.0.0	WG (prime / other):	S5 / -	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson					
	freeze_meeting: SP-16	G:	U: yes	MCC:	ZOICAS, Adrian						
history (event, available, version,	SP-16	5 . 0 . 0						remarks - general:	Replaces 32.106-8 (pars)		
								remarks - this release:	.		

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<b>TS 32.301</b>	<b>Telecommunication management; Configuration Management; Notification Integration Reference Point (IRP): requirements</b>										
Rel-5	current version: 5.0.0	WG (prime / other):	S5 / -	rapporteur:	PIRT, Trevor	MOTOROLA Ltd					
	freeze_meeting: SP-15	G:	U: yes	MCC:	ZOICAS, Adrian						
history (event, available, version,	SP-15 26/03/2002	5 . 0 . 0						<a href="#">get it</a> remarks - general:	was 32.301-1		
								remarks - this release:	.		

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<b>TS 32.302</b>	<b>Telecommunication management; Configuration Management; Notification Integration Reference Point; Information Service version 1</b>										
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,	SP-14 11/01/2002	5 . 0 . 0						<a href="#">get it</a> remarks - general:	was 32.301-2		
	edito 26/03/2002	5 . 0 . 1						<a href="#">get it</a> remarks - this release:	.		

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<b>TS 32.303</b>	<b>Telecommunication management; Configuration Management; Notification Integration Reference Point; CORBA solution set version 1:1</b>										
Rel-5	current version: 5.0.0	WG (prime / other):	S5 / -	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson					
	freeze_meeting: SP-15	G:	U: yes	MCC:	ZOICAS, Adrian						
history (event, available, version,	SP-15 26/03/2002	5 . 0 . 0						<a href="#">get it</a> remarks - general:	was 32.301-3		
								remarks - this release:	.		

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<b>TS 32.304</b>	<b>Telecommunication management; Configuration Management; Notification Integration Reference Point: CMIP Solution Set Version 1:1</b>								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version,</i>									
	SP-14 11/01/2002	5 . 0 . 0			<a href="#">get it</a> <i>remarks - general:</i> was 32.301-4				
	SP-15 26/03/2002	5 . 1 . 0			<a href="#">get it</a> <i>remarks - this release:</i> .				
	SP-16	5 . 2 . 0							
<hr/>									
<b>TS 32.311</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements</b>								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-15			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version,</i>									
	SP-15 26/03/2002	5 . 0 . 0			<a href="#">get it</a> <i>remarks - general:</i> was 32.112-1				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TS 32.312</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Information service</b>								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version,</i>									
	SP-15 26/03/2002	5 . 0 . 0			<a href="#">get it</a> <i>remarks - general:</i> was 32.112-2				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TS 32.321</b>	<b>Telecommunication management; Test management Integration Reference Point (IRP); Requirements</b>								
Rel-5	<i>current version:</i> 1.0.0	DRAFT		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version,</i>									
	SP-16	1 . 0 . 0	SP-020328		<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TS 32.322</b>	<b>Telecommunication management; Test management Integration Reference Point (IRP); Information service</b>								
Rel-5	<i>current version:</i> 1.0.0	DRAFT		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-18			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version,</i>									
	SP-16	1 . 0 . 0	SP-020328		<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				

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<b>TS 32.324</b>	<b>Telecommunication management; Test management Integration Reference Point (IRP); CMIP solution set</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG		
	<i>freeze_meeting:</i> SP-18	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<b>TS 32.401</b>	<b>Telecommunication management; Performance Management (PM); Concept and requirements</b>					
Rel-5	<i>current version:</i> 5.0.0	<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,</i>					
	SP-15 26/03/2002 5 . 0 . 0					<a href="#">get it</a> <i>remarks - general:</i> was 32.104 (pars)
						<i>remarks - this release:</i> .
<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> 5.0.0	<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,</i>					
	SP-16 5 . 0 . 0					<i>remarks - general:</i> was 32.104 (pars)
						<i>remarks - this release:</i> .
<b>TS 32.600</b>	<b>Telecommunication management; Configuration Management; 3G configuration management; Concept and main 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-16	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-16 5 . 0 . 0					<i>remarks - general:</i> Replaces 32.106 (pars).
						<i>remarks - this release:</i> .
<b>TS 32.601</b>	<b>Telecommunication management; Configuration Management; Basic CM 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-16	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-16 5 . 0 . 0					<i>remarks - general:</i> was 32.601-1
						<i>remarks - this release:</i> .

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<b>TS 32.602</b>	<b>Telecommunication management; Configuration Management; Basic configuration management Integration Reference Point (IRP) information model</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.601-2
	<i>remarks - this release:</i> .

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<b>TS 32.603</b>	<b>Telecommunication management; Configuration Management; Basic configuration management Integration Reference Point (IRP): CORBA solution set</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG
	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.601-3
	<i>remarks - this release:</i> .

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<b>TS 32.604</b>	<b>Telecommunication management; Configuration Management; Basic configuration management Integration Reference Point (IRP) CMIP solution set</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.601-4
	<i>remarks - this release:</i> .

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<b>TS 32.611</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk CM Integration Reference Point (IRP) requirements</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.602-1
	<i>remarks - this release:</i> .

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<b>TS 32.612</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management Integration Reference Point (IRP): Information</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.602-2
	<i>remarks - this release:</i> .

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<b>TS 32.613</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management Integration Reference Point (IRP): CORBA</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.602-3
	<i>remarks - this release:</i> .

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<b>TS 32.614</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management Integration Reference Point (IRP): CMIP solution</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.602-4
	<i>remarks - this release:</i> .

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<b>TS 32.615</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management Integration Reference Point (IRP): XML file format</b>
Rel-5	<i>current version:</i> definition
AB LM Ericsson	5.0.0 <i>WG (prime / other):</i> S5 / <i>rapporteur:</i> TOVINGER, Thomas Telefon
	<i>freeze_meeting:</i> SP-16 <i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>remarks - general:</i> was 32.602-5
	<i>remarks - this release:</i> .

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<b>TS 32.621</b>	<b>Telecommunication management; Configuration Management; Generic network resources Integration Reference Point (IRP): requirements</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd
	<i>G:</i> yes U: yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.620-1
	<i>remarks - this release:</i> .

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<b>TS 32.622</b>	<b>Telecommunication management; Configuration Management; Generic network resources Integration Reference Point (IRP): NRM</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> yes U: yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.620-2
	<i>remarks - this release:</i> .

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<b>TS 32.623</b>	<b>Telecommunication management; Configuration Management; Generic network resources Integration Reference Point (IRP): CORBA solution set</b>				
Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: ZHOU, Di	SIEMENS AG	
	freeze_meeting: SP-16	G: yes U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, SP-16	5 . 0 . 0		remarks - general: was 32.620-3		
			remarks - this release: .		
<hr/>					
<b>TS 32.624</b>	<b>Telecommunication management; Configuration Management; Generic network resources: Integration Reference Point (IRP) CMIP solution set</b>				
Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: TOVINGER, Thomas	Telefon AB LM Ericsson	
	freeze_meeting: SP-16	G: yes U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, SP-16	5 . 0 . 0		remarks - general: was 32.620-4		
			remarks - this release: .		
<hr/>					
<b>TS 32.625</b>	<b>Telecommunication management; 3G Configuration Management; Generic network resources Integration Reference Point (IRP): Bulk CM XML file format definition</b>				
Rel-5	current version: 1.0.0	DRAFT	WG (prime / other): S5 /	rapporteur: BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-15		G: yes U: yes	MCC: ZOICAS, Adrian	
history (event, available, version, SP-16	1 . 0 . 0	SP-020298 pars	remarks - general:		
			remarks - this release: .		
<hr/>					
<b>TS 32.631</b>	<b>Telecommunication management; Configuration Management; Core network resources Integration Reference Point (IRP): requirements</b>				
Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: PIRT, Trevor	MOTOROLA Ltd	
	freeze_meeting: SP-16	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, SP-16	5 . 0 . 0		remarks - general: was 32.621-1		
			remarks - this release: .		
<hr/>					
<b>TS 32.632</b>	<b>Telecommunication management; Configuration Management; Core Network Resources Integration Reference Point (IRP): NRM</b>				
Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: TOVINGER, Thomas	Telefon AB LM Ericsson	
	freeze_meeting: SP-16	G: yes U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, SP-16	5 . 0 . 0		remarks - general: was 32.621-2		
			remarks - this release: .		

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<b>TS 32.633</b>	<b>Telecommunication management; Configuration Management; Core network resources Integration Reference Point (IRP): CORBA solution set</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG
	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.621-3
	<i>remarks - this release:</i> .

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<b>TS 32.634</b>	<b>Telecommunication management; Configuration Management; Core network resources Integration Reference Point (IRP): CMIP solution set</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.621-4
	<i>remarks - this release:</i> .

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<b>TS 32.635</b>	<b>Telecommunication management; 3G Configuration Management; Generic network resources Integration Reference Point (IRP): Bulk CM XML file format definition</b>
Rel-5	<i>current version:</i> 1.0.0 DRAFT
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	1 . 0 . 0 SP-020298 pars
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> RP-15: existence gleaned from S5 report.
	<i>remarks - this release:</i> .

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<b>TS 32.641</b>	<b>Telecommunication management; Configuration Management; UTRAN network resources Integration Reference Point (IRP): requirements</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd
	<i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.622-1
	<i>remarks - this release:</i> .

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<b>TS 32.642</b>	<b>Telecommunication management; Configuration Management; UTRAN network resources Integration Reference Point (IRP): NRM</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version, SP-16</i>	5 . 0 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.622-2
	<i>remarks - this release:</i> .

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<b>TS 32.643</b>	<b>Telecommunication management; Configuration Management; UTRAN network resources Integration Reference Point (IRP): CORBA solution set</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG				
	<i>freeze_meeting:</i> SP-16		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
SP-16		5 . 0 . 0					<i>remarks - general:</i> was 32.622-3		
							<i>remarks - this release:</i> .		
<hr/>									
<b>TS 32.644</b>	<b>Telecommunication management; Configuration Management; UTRAN network resources Integration Reference Point (IRP): CMIP solution set</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-16		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
SP-16		5 . 0 . 0					<i>remarks - general:</i> was 32.622-4		
							<i>remarks - this release:</i> .		
<hr/>									
<b>TS 32.645</b>	<b>Telecommunication management; 3G Configuration Management; UTRAN network resources Integration Reference Point (IRP): Bulk CM XML file format definition</b>								
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i> SP-16		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
SP-16		1 . 0 . 0	SP-020298 pars				<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
<hr/>									
<b>TS 32.651</b>	<b>Telecommunication management; Configuration Management; GERAN network resources Integration Reference Point (IRP): requirements</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-16		G: yes U:	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
SP-16		5 . 0 . 0					<i>remarks - general:</i> was 32.623-1		
							<i>remarks - this release:</i> .		
<hr/>									
<b>TS 32.652</b>	<b>Telecommunication management; Configuration Management; GERAN network resources Integration Reference Point (IRP): NRM</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-16		G: yes U:	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
SP-16		5 . 0 . 0					<i>remarks - general:</i> was 32.623-2		
							<i>remarks - this release:</i> .		

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<b>TS 32.653</b>	<b>Telecommunication management; Configuration Management; GERAN network resources Integration Reference Point (IRP): CORBA solution set</b>
Rel-5	current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16) 5 . 0 . 0
	WG (prime / other): S5 / - rapporteur: ZHOU, Di SIEMENS AG G: yes U: MCC: ZOICAS, Adrian remarks - general: was 32.623-3 remarks - this release: .
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<b>TS 32.654</b>	<b>Telecommunication management; Configuration Management; GERAN network resources Integration Reference Point (IRP): CMIP solution set</b>
Rel-5	current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16) 5 . 0 . 0
	WG (prime / other): S5 / - rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson G: yes U: MCC: ZOICAS, Adrian remarks - general: was 32.623-4 remarks - this release: .
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<b>TS 32.655</b>	<b>Telecommunication management; 3G Configuration Management; GERAN network resources Integration Reference Point (IRP): Bulk CM XML file format definition</b>
Rel-5	current version: 1.0.0 DRAFT freeze_meeting: SP-16 history (event, available, version, SP-16) 1 . 0 . 0 SP-020298 pars
	WG (prime / other): S5 / rapporteur: BONNEAU, Frédéric NORTEL NETWORKS (EUROPE) G: yes U: yes MCC: ZOICAS, Adrian remarks - general: remarks - this release:
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<b>TS 32.661</b>	<b>Telecommunication management; 3G configuration management; Kernel CM requirements</b>
Rel-5	current version: 1.0.0 DRAFT freeze_meeting: SP-18 history (event, available, version, draft 31/01/2002 0 . 1 . 0 SP-15 19/03/2002 1 . 0 . 0 SP-020034 pars
	WG (prime / other): S5 / rapporteur: WILBER, John G: U: yes MCC: ZOICAS, Adrian <a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: .
<hr/>	
<b>TS 32.662</b>	<b>Telecommunication management; 3G configuration management; Kernel CM information service</b>
Rel-5	current version: 1.0.0 DRAFT freeze_meeting: SP-18 history (event, available, version, draft 31/01/2002 0 . 1 . 0 SP-15 19/03/2002 1 . 0 . 0 SP-020034 pars
	WG (prime / other): S5 / rapporteur: WILBER, John G: U: yes MCC: ZOICAS, Adrian <a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: .

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<b>TS 32.671</b>	<b>Telecommunication management; 3G Configuration Management; State Management Integration Reference Point (IRP): Requirements</b>								
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG				
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
draft 17/01/2002	0 . 1 . 2					<a href="#">get it</a>	<i>remarks - general:</i>		
SP-16	1 . 0 . 0	SP-020329 pars					<i>remarks - this release:</i> .		
<hr/>									
<b>TS 32.672</b>	<b>Telecommunication management; 3G Configuration Management; State Management Integration Reference Point (IRP): Information service</b>								
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG				
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
draft 17/01/2002	0 . 1 . 1					<a href="#">get it</a>	<i>remarks - general:</i>		
SP-16	1 . 0 . 0	SP-020329 pars					<i>remarks - this release:</i> .		
<hr/>									
<b>TS 32.673</b>	<b>Telecommunication management; 3G Configuration Management; State Management Integration Reference Point (IRP): CORBA Solution set</b>								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG				
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
							<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
<hr/>									
<b>TS 32.674</b>	<b>Telecommunication management; 3G Configuration Management; State Management Integration Reference Point (IRP): CMIP Solution set</b>								
Rel-5	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG				
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
draft 17/01/2002	0 . 1 . 0					<a href="#">get it</a>	<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
<hr/>									
<b>TS 32.681</b>	<b>Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Requirements</b>								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i> SP-17		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
							<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		

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<b>TS 32.682</b>	<b>Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Information service</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 32.683</b>	<b>Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CORBA solution set</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 32.684</b>	<b>Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CMIP solution set</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TR 32.800</b>	<b>Management level procedures and interaction with UTRAN</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BODEN, Bert		Vodafone D2 GmbH
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-15 26/03/2002 5 . 0 . 0			<a href="#">get it</a> <i>remarks - general:</i>	
				<i>remarks - this release:</i> .	

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<b>TR 32.802</b>	<b>Telecommunication management; User Equipment (UE) management feasibility study</b>								
Rel-5	current version: 5.0.0			WG (prime / other): S5 /	rapporteur: MUDGE, John			VODAFONE Group Plc	
	freeze_meeting: SP-16			G: U: yes	MCC: ZOICAS, Adrian				
	history (event, available, version,								
	SP-13 01/10/2001	0 . 0 . 2	TP-010213 (!)	<a href="#">get it</a>	remarks - general:				
	SP-14 02/01/2002	1 . 0 . 0	SP-010652 (also TP-010283)	<a href="#">get it</a>	remarks - this release: .				
	draft 28/01/2002	1 . 0 . 1		<a href="#">get it</a>					
	draft 31/01/2002	1 . 0 . 2		<a href="#">get it</a>					
	SP-15 19/03/2002	1 . 0 . 4	SP-020011	<a href="#">get it</a>					
	SP-16	2 . 0 . 0	SP-020331						
	SP-16	5 . 0 . 0							

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<b>TS 33.102</b>	<b>3G security; Security architecture</b>								
Rel-5	current version: 5.0.0			WG (prime / other): S3 / -	rapporteur: BLOMMAERT, Marc			SIEMENS ATEA NV	
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice				
	history (event, available, version,								
	SP-16	5 . 0 . 0			remarks - general:				
					remarks - this release: .				

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<b>TS 33.106</b>	<b>Lawful interception requirements</b>								
Rel-5	current version: 5.0.0			WG (prime / other): S3 / -	rapporteur: WILHELM, Berthold			BUNDESMINISTERIUM FUR WIRTSCHAFT	
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice				
	history (event, available, version,								
	SP-11 04/04/2001	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release:				

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<b>TS 33.107</b>	<b>3G security; Lawful interception architecture and functions</b>					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</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	5 . 3 . 0				
<hr/>						
<b>TS 33.108</b>	<b>3G security; Handover interface for Lawful Interception (LI)</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S3 /	<i>rapporteur:</i>	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> SP-16	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</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
	SP-16	2 . 0 . 0	SP-020357		<i>remarks - this release:</i>	. network and law agency equipment" (Berthold.Wilhelm@RegTP.de).
	SP-16	5 . 0 . 0				
<hr/>						
<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> 5.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	ESCOTT, Adrian	Hutchison 3G UK Limited
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</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.
					<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,</i>					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.

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<b>TS 33.203</b>	<b>3G security; Access security for IP-based services</b>								
Rel-5	current version: 5.2.0		WG (prime / other): S3 /	rapporteur: BOMAN, Krister	Telefon AB LM Ericsson				
	freeze_meeting: SP-15		G: yes U: yes	MCC: POPE, Maurice					
	history (event, available, version,								
	SP-13 03/10/2001	0 . 4 . 0				anticipate v2.0.0 at SP-15	<a href="#">get it</a>	remarks - general:	
	SP-14 02/01/2002	1 . 0 . 0				SP-010624	<a href="#">get it</a>	remarks - this release:	
	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	5 . 2 . 0							
<b>TS 33.210</b>	<b>3G security; Network Domain Security (NDS); IP network layer security</b>								
Rel-5	current version: 5.1.0		WG (prime / other): S3 / -	rapporteur: KOIEN, Geir	Telenor AS				
	freeze_meeting: SP-15		G: yes U: yes	MCC: POPE, Maurice					
	history (event, available, version,								
	SP-14 02/01/2002	1 . 0 . 0				SP-010623	<a href="#">get it</a>	remarks - general: 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).	
	SP-15 19/03/2002	2 . 0 . 0				SP-020117	<a href="#">get it</a>	remarks - this release:	
	SP-15 26/03/2002	5 . 0 . 0					<a href="#">get it</a>		
	SP-16	5 . 1 . 0							
<b>TR 33.800</b>	<b>Principles for Network Domain Security</b>								
Rel-5	current version: 5.0.0		WG (prime / other): S3 / -	rapporteur: ESCOTT, Adrian	Hutchison 3G UK Limited				
	freeze_meeting: tbd		G: U: yes	MCC: POPE, Maurice					
	history (event, available, version,								
	SP-16	5 . 0 . 0						remarks - general:	
								remarks - this release: .	
<b>TR 33.900</b>	<b>Guide to 3G security</b>								
Rel-5	current version: 0.4.1	DRAFT	WG (prime / other): S3 / -	rapporteur: BROOKSON, Charles	DTI - Department of Trade and Industry				
	freeze_meeting: SP-15		G: U: yes	MCC: POPE, Maurice					
	history (event, available, version,								
	draft	0 . 4 . 1						remarks - general:	
								remarks - this release: .	

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**TR 33.903 Access Security for IP based services**

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

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

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

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Rel-5 **34** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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**TS 34.109 Terminal logical test interface; Special conformance testing functions**

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*

*WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*G:* *U:* yes *MCC:* VAN DER VEEN, Hans

RP-15 19/03/2002 5 . 0 . 0  
RP-16 5 . 1 . 0

[get it](#) *remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.  
*remarks - this release:* . TSG#9: Stable, so txfered from T1 to R2.

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**TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification**

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

*WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia ETSI Secretariat  
*G:* *U:* yes *MCC:* SALMERON, Lidia

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

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**TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification**

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

*WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*G:* *U:* yes *MCC:* SALMERON, Lidia

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

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**TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-15 03/04/2002 5 . 0 . 0 [get it](#) *remarks - general:* T1->R4@TSG#10  
*remarks - this release:* .

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**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,*  
RP-15 02/04/2002 5 . 0 . 0 [get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10  
*remarks - this release:* .

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Rel-5 **35** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-16 5 . 0 . 0 *remarks - general:* ex SAGE; supplied by ETSI under licence  
*remarks - this release:* .

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**TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-16 5 . 0 . 0 *remarks - general:* ex SAGE; supplied by ETSI under licence  
*remarks - this release:* .

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<b>TS</b>	<b>35.203</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data</b>						
	Rel-5	current version: 5.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc			
		freeze_meeting: SP-15	G: U: yes	MCC: POPE, Maurice				
		history (event, available, version, SP-16)	5 . 0 . 0			remarks - general: ex SAGE; supplied by ETSI under licence		
						remarks - this release: .		
<b>TS</b>	<b>35.204</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data</b>						
	Rel-5	current version: 5.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc			
		freeze_meeting: SP-15	G: U: yes	MCC: POPE, Maurice				
		history (event, available, version, SP-16)	5 . 0 . 0			remarks - general: ex SAGE; supplied by ETSI under licence		
						remarks - this release: .		
<b>TR</b>	<b>35.205</b>	<b>3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b>						
	Rel-5	current version: Document 1: General	5.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael			
		VODAFONE Group Plc						
		freeze_meeting: SP-15	G: U: yes	MCC: POPE, Maurice				
		history (event, available, version, SP-16)	5 . 0 . 0			remarks - general: ex SAGE		
						remarks - this release: .		
<b>TS</b>	<b>35.206</b>	<b>3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b>						
	Rel-5	current version: Document 2: Algorithm specification	5.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael			
		VODAFONE Group Plc						
		freeze_meeting: SP-15	G: U: yes	MCC: POPE, Maurice				
		history (event, available, version, SP-16)	5 . 0 . 0			remarks - general: ex SAGE		
						remarks - this release: .		
<b>TS</b>	<b>35.207</b>	<b>3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b>						
	Rel-5	current version: Document 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, SP-16)	5 . 0 . 0			remarks - general: ex SAGE		
						remarks - this release: .		

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**TS 35.208 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;**  
 Rel-5 *current version: Document 4: Design conformance test data* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael  
 VODAFONE Group Plc

*freeze\_meeting:* SP-15 G: U: yes MCC: POPE, Maurice  
*history (event, available, version, SP-16* 5 . 0 . 0 *remarks - general:* ex SAGE  
*remarks - this release:* .

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**TR 35.909 3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;**  
 Rel-5 *current version: Document 5: Summary and results of design and evaluation* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael  
 VODAFONE Group Plc

*freeze\_meeting:* SP-15 G: U: yes MCC: POPE, Maurice  
*history (event, available, version, SP-16* 5 . 0 . 0 *remarks - general:* ex SAGE  
*remarks - this release:* .

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**TR 41.031 Fraud Information Gathering System (FIGS); Service requirements; Stage 0**  
 Rel-5 *current version: 5.0.0* *WG (prime / other):* S3 /- *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-15 G: yes U: MCC: POPE, Maurice

*history (event, available, version, SP-16* 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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**TR 41.033 Lawful Interception requirements for GSM**  
 Rel-5 *current version: 5.0.0* *WG (prime / other):* S3 /- *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* SP-15 G: yes U: MCC: POPE, Maurice

*history (event, available, version, SP-16* 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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## TS 41.103 GSM Release 5 specifications

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16  
*history (event, available, version,*  
SP-12 0 . 0 . 0 SP-010278  
SP-12 05/07/2001 0 . 1 . 0 SP-010384  
SP-13 01/10/2001 1 . 0 . 0 SP-010421  
SP-15 19/03/2002 1 . 1 . 0 SP-020098  
SP-15 19/03/2002 1 . 2 . 0 SP-020203  
SP-16 2 . 0 . 0 SP-020271  
SP-16 2 . 1 . 0 SP-020398  
SP-16 2 . 2 . 0 SP-020410  
SP-16 5 . 0 . 0

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

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

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[get it](#)  
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Rel-5 42 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

## TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* TP-15  
*history (event, available, version,*  
TP-12 06/07/2001 5 . 0 . 0

WG (*prime / other*): T3 / - *rapporteur:* DIETRICH, Christian SchlumbergerSema - Schlumberger Systèmes S.A  
G: yes U: *MCC:* DIETZE, Claus

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

[get it](#)

## TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-15  
*history (event, available, version,*  
SP-16 5 . 0 . 0

WG (*prime / other*): S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
G: yes U: *MCC:* POPE, Maurice

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

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

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Server ACTIVE specs Rel-5 42 .- series  
[http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

<b>TS 42.033</b>	<b>Lawful Interception; Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other): S3 /	rapporteur: MCKIBBEN, Bernie	MOTOROLA GmbH		
	freeze_meeting: SP-15	G: yes U:	MCC: POPE, Maurice			
	history (event, available, version, SP-16	5 . 0 . 0			remarks - general:	
					remarks - this release: .	
<b>TS 42.043</b>	<b>Support of Localised Service Area (SoLSA); Service description; Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other): S1 /	rapporteur: KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting: SP-16	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, SP-16	5 . 0 . 0			remarks - general: Was 22.043 at Rel99.	
					remarks - this release: .	
<b>TS 42.056</b>	<b>GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other): S1 / -	rapporteur: GALLIGO, Michel	ALCATEL S.A.		
	freeze_meeting: SP-16	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, SP-16	5 . 0 . 0			remarks - general:	
					remarks - this release: .	
<b>TS 42.068</b>	<b>Voice Group Call Service (VGCS); Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other): S1 / -	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting: SP-16	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, SP-16	5 . 0 . 0			remarks - general:	
					remarks - this release: .	
<b>TS 42.069</b>	<b>Voice Broadcast Service (VBS); Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other): S1 / -	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting: SP-16	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, SP-16	5 . 0 . 0			remarks - general:	
					remarks - this release: .	

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Rel-5 43 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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<b>TR 43.005</b>	<b>Technical performance objectives</b>								
Rel-5	current version: 5.0.0		WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat				
	freeze_meeting: NP-15		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version, NP-16	5 . 0 . 0					remarks - general:		
							remarks - this release: .		
<hr/>									
<b>TS 43.010</b>	<b>GSM Public Land Mobile Network (PLMN) connection types</b>								
Rel-5	current version: 5.0.0		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat				
	freeze_meeting: NP-15		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version, NP-15	20/03/2002	5 . 0 . 0	<a href="#">get it</a>			remarks - general:		
							remarks - this release: .		
<hr/>									
<b>TS 43.019</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2</b>								
Rel-5	current version: 5.3.0		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, TP-12	12/11/2001	5 . 0 . 0	<a href="#">get it</a>			remarks - general: For test spec, see 51.013.		
	fix annexed library file	21/11/2001	5 . 0 . 1	<a href="#">get it</a>			remarks - this release: .		
	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		5 . 3 . 0						
<hr/>									
<b>TS 43.031</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 2</b>								
Rel-5	current version: 5.0.0		WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One				
	freeze_meeting: SP-15		G: yes U:	MCC: POPE, Maurice					
	history (event, available, version, SP-16	5 . 0 . 0					remarks - general:		
							remarks - this release: .		

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<b>TS 43.033</b>	<b>Lawful Interception; Stage 2</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	S3 / -	rapporteur:	MCKIBBEN, Bernie	MOTOROLA GmbH			
	freeze_meeting: SP-15	G: yes U:		MCC:	POPE, Maurice				
	history (event, available, version, SP-16	5 . 0 . 0		remarks - general:					
				remarks - this release:					
<b>TS 43.045</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: NP-15	G: yes U:		MCC:	BOSWARTHICK, David				
	history (event, available, version, NP-15 20/03/2002	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release:				
<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	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting: SP-15	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version, SP-11 10/04/2001	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release:				
<b>TS 43.051</b>	<b>GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2</b>								
Rel-5	current version: 5.6.0	WG (prime / other):	G1 / -	rapporteur:	SÉBIRE, Guillaume	NOKIA Corporation			
	freeze_meeting: GP-09	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version, GP-03 15/02/2001	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	Originally created as 03.51r00			
	GP-04 20/04/2001	5 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
	GP-05 28/06/2001	5 . 2 . 0		<a href="#">get it</a>					
	GP-06 01/10/2001	5 . 3 . 0		<a href="#">get it</a>					
	GP-07 04/01/2002	5 . 4 . 0		<a href="#">get it</a>					
	GP-08 19/02/2002	5 . 5 . 0		<a href="#">get it</a>					
	GP-09 06/05/2002	5 . 6 . 0		<a href="#">get it</a>					

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<b>TR 43.058</b>	<b>Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)</b>					
Rel-5	<i>current version:</i> none	<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,</i>					
					<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> 5.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-06 01/10/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	GP-07 04/01/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	GP-08 19/02/2002 5 . 2 . 0	<a href="#">get it</a>				
	GP-09 06/05/2002 5 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 43.064</b>	<b>Overall description of the GPRS radio interface; Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-09 06/05/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 43.068</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	NP-16 5 . 0 . 0				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 43.069</b>	<b>Voice Broadcast service (VBS); Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	NP-16 5 . 0 . 0				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

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**TS 43.073 Support of Localised Service Area (SoLSA); Stage 2**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo ETSI Secretariat  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, SP-16 5 . 0 . 0 technically identical to v4.0.0* *remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.  
*remarks - this release:* .

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**TR 43.900 Support for voice optimization for the IMS in the GERAN**

Rel-5 *current version:* none *WG (prime / other):* G2 / *rapporteur:* GUARINO, Bernard AT&T Wireless Services, Inc.  
*freeze\_meeting:* GP-10 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version,* *remarks - general:*  
*remarks - this release:* .

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Rel-5 **44 .- series** Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**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 MOTOROLA A/S  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* Peter Skov  
*history (event, available, version, NP-16 5 . 0 . 0* *remarks - general:*  
*remarks - this release:* .

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**TS 44.004 Layer 1 - General Requirements**

Rel-5 *current version:* 5.2.0 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version,* *get it* *remarks - general:*  
GP-06 15/11/2001 5 . 0 . 0 *get it* *remarks - this release:* .  
GP-07 08/01/2002 5 . 1 . 0 *get it*  
GP-09 06/05/2002 5 . 2 . 0 *get it*

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## 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, NP-16 5 . 0 . 0* *remarks - general:*  
*remarks - this release:* .

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## TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
GP-04 04/05/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
GP-05 18/06/2001 5 . 1 . 0 [get it](#) *remarks - this release:* .  
GP-06 10/09/2001 5 . 2 . 0 [get it](#)  
GP-07 08/01/2002 5 . 3 . 0 [get it](#)  
GP-08 19/02/2002 5 . 4 . 0 [get it](#)  
GP-09 02/05/2002 5 . 5 . 0 [get it](#)

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## TS 44.021 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
GP-06 14/09/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
GP-07 08/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
GP-08 19/02/2002 5 . 2 . 0 [get it](#)  
GP-09 02/05/2002 5 . 3 . 0 [get it](#)

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<b>TS 44.056</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification</b>								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N1 / -	rapporteur: HUPPERICH, Peter	Indicate persons who left Company and wait for new One					
	history (event, available, version, NP-16	5 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan	remarks - general: remarks - this release: .				
<hr/>									
<b>TS 44.057</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification</b>								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N1 / -	rapporteur: HUPPERICH, Peter	Indicate persons who left Company and wait for new One					
	history (event, available, version, NP-16	5 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan	remarks - general: remarks - this release: .				
<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-5	current version: 5.1.1 freeze_meeting: GP-09	WG (prime / other): G2 /	rapporteur: BLACK, Jyoti MOTOROLA						
	history (event, available, version, GP-08 19/02/2002 GP-09 03/05/2002 edito post GP-09 28/05/2002	5 . 0 . 0 5 . 1 . 0 5 . 1 . 1	G: yes U:	MCC: THOMASEN, Gert	remarks - general: General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System remarks - this release: . (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	<a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>			
<hr/>									
<b>TS 44.064</b>	<b>Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification</b>								
Rel-5	current version: 5.1.0 freeze_meeting: NP-15	WG (prime / other): N1 / -	rapporteur: SALKINTZIS, Apostolis MOTOROLA GmbH						
	history (event, available, version, NP-14 04/01/2002 NP-15 19/03/2002	5 . 0 . 0 5 . 1 . 0	G: yes U:	MCC: JORGENSEN, Per Johan	remarks - general: remarks - this release: .	<a href="#">get it</a> <a href="#">get it</a>			
<hr/>									
<b>TS 44.065</b>	<b>Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)</b>								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N1 / -	rapporteur: SALKINTZIS, Apostolis MOTOROLA GmbH						
	history (event, available, version, NP-16	5 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan	remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only. remarks - this release: .				

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<b>TS 44.068</b>	<b>Group Call Control (GCC) Protocol</b>										
Rel-5	current version: 5.0.0		WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)						
	freeze_meeting: NP-15		G: yes U:	MCC: JORGENSEN, Per Johan							
	history (event, available, version, NP-16)	5 . 0 . 0						remarks - general:			
								remarks - this release: .			
<b>TS 44.069</b>	<b>Broadcast Call Control (BCC) protocol</b>										
Rel-5	current version: 5.0.0		WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)						
	freeze_meeting: NP-15		G: yes U:	MCC: JORGENSEN, Per Johan							
	history (event, available, version, NP-16)	5 . 0 . 0						remarks - general:			
								remarks - this release: .			
<b>TS 44.118</b>	<b>Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol lu mode</b>										
Rel-5	current version: 1.4.0	DRAFT	WG (prime / other): G2 /	rapporteur: VIRTEJ, Iuliana	NOKIA Corporation						
	freeze_meeting: GP-09		G: yes U:	MCC: THOMASEN, Gert							
	history (event, available, version, GP-08 20/03/2002)	1 . 1 . 0				GP-020289	<a href="#">get it</a>	remarks - general:			
	draft 26/03/2002	1 . 2 . 0					<a href="#">get it</a>	remarks - this release: .			
	GP-08 27/03/2002	1 . 3 . 0				GP-02794	<a href="#">get it</a>				
	draft 07/05/2002	1 . 4 . 0					<a href="#">get it</a>				
<b>TR 44.901</b>	<b>External network assisted cell change (NACC)</b>										
Rel-5	current version: 5.1.0		WG (prime / other): G2 / -	rapporteur: BACKLUND, Ingemar	Telefon AB LM Ericsson						
	freeze_meeting: GP-09		G: yes U:	MCC: THOMASEN, Gert							
	history (event, available, version, GP-06bis)	0 . 4 . 0						remarks - general:			
	GP-08 04/04/2002	0 . 7 . 0				GP-020220	<a href="#">get it</a>	remarks - this release: .			
	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)

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**TS 45.001 Physical Layer on the Radio Path (General Description)**

Rel-5 *current version:* 5.3.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-03 15/02/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
GP-06 01/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:*  
GP-07 04/01/2002 5 . 2 . 0 [get it](#)  
GP-09 06/05/2002 5 . 3 . 0 [get it](#)

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**TS 45.002 Multiplexing and Multiple Access on the Radio Path**

Rel-5 *current version:* 5.5.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-03 15/02/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
edito 27/02/2001 5 . 0 . 1 [get it](#) *remarks - this release:*  
GP-04 20/04/2001 5 . 1 . 0 [get it](#)  
GP-06 01/10/2001 5 . 2 . 0 [get it](#)  
GP-07 04/01/2002 5 . 3 . 0 [get it](#)  
GP-08 19/02/2002 5 . 4 . 0 [get it](#)  
GP-09 06/05/2002 5 . 5 . 0 [get it](#)

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**TS 45.003 Channel coding**

Rel-5 *current version:* 5.5.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-03 06/02/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
GP-05 28/06/2001 5 . 1 . 0 [get it](#) *remarks - this release:*  
GP-06 01/10/2001 5 . 2 . 0 [get it](#)  
GP-07 04/01/2002 5 . 3 . 0 [get it](#)  
GP-08 19/02/2002 5 . 4 . 0 [get it](#)  
GP-09 06/05/2002 5 . 5 . 0 [get it](#)

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**TS 45.004 Modulation**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-07 04/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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## TS 45.005 Radio transmission and reception

Rel-5 *current version:* 5.3.0  
*freeze\_meeting:* GP-09

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

*history (event, available, version,*  
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

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

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## TS 45.008 Radio subsystem link control

Rel-5 *current version:* 5.6.0  
*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,*  
GP-03 15/02/2001 5 . 0 . 0  
GP-04 20/04/2001 5 . 1 . 0  
GP-05 28/06/2001 5 . 2 . 0  
GP-06 01/10/2001 5 . 3 . 0  
GP-07 04/01/2002 5 . 4 . 0  
GP-08 19/02/2002 5 . 5 . 0  
GP-09 06/05/2002 5 . 6 . 0

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

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## TS 45.009 Link adaptation

Rel-5 *current version:* 5.4.0  
*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*G: yes U:* *MCC:* Peter Skov  
USAI, Paolino

*history (event, available, version,*  
GP-03 06/02/2001 5 . 0 . 0  
GP-06 01/10/2001 5 . 1 . 0  
GP-07 04/01/2002 5 . 2 . 0  
GP-08 19/02/2002 5 . 3 . 0  
GP-09 06/05/2002 5 . 4 . 0

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

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Rel-5 46 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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<b>TS 46.001</b>	<b>Full Rate Speech Processing Functions</b>	Rel-5 current version: none freeze_meeting: SP-16 history (event, available, version,	WG (prime / other): S4 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino	ETSI Secretariat
remarks - general: remarks - this release: .					
<hr/>					
<b>TS 46.002</b>	<b>Half Rate Speech Processing Functions</b>	Rel-5 current version: none freeze_meeting: SP-16 history (event, available, version,	WG (prime / other): S4 / - G: yes U:	rapporteur: AFTELAK, Steve MCC: USAI, Paolino	MOTOROLA Ltd
remarks - general: remarks - this release: .					
<hr/>					
<b>TS 46.006</b>	<b>Half-rate speech: ANSI-C code for GSM half-rate speech codec</b>	Rel-5 current version: none freeze_meeting: SP-16 history (event, available, version,	WG (prime / other): S4 / - G: yes U:	rapporteur: AFTELAK, Steve MCC: USAI, Paolino	MOTOROLA Ltd
remarks - general: remarks - this release: .					
<hr/>					
<b>TS 46.007</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>	Rel-5 current version: none freeze_meeting: SP-16 history (event, available, version,	WG (prime / other): S4 / - G: yes U:	rapporteur: AFTELAK, Steve MCC: USAI, Paolino	MOTOROLA Ltd
remarks - general: remarks - this release: .					
<hr/>					
<b>TR 46.008</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>	Rel-5 current version: none freeze_meeting: SP-16 history (event, available, version,	WG (prime / other): S4 / - G: yes U:	rapporteur: SALEM, Tarek MCC: USAI, Paolino	T-MOBILE DEUTSCHLAND
remarks - general: remarks - this release: .					

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<b>TS 46.010</b>	<b>Full-rate speech transcoding</b>					
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	LORENZ, Dietmar	PHILIPS Semiconductors
	<i>freeze_meeting: SP-16</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<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: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting: SP-16</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<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: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	SERENO, Daniele	TELECOM ITALIA S.p.A.
	<i>freeze_meeting: SP-16</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<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: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting: SP-16</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<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: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting: SP-16</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release: .</i>		

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<b>TS 46.022</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>					
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting: SP-16</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release: .</i>		

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<b>TS 46.031</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>					
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	ETSI Secretariat
	<i>freeze_meeting: SP-16</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release: .</i>		

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<b>TS 46.032</b>	<b>Voice Activity Detection (VAD)</b>					
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One
	<i>freeze_meeting: SP-16</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release: .</i>		

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<b>TS 46.041</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>					
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	ETSI Secretariat
	<i>freeze_meeting: SP-16</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release: .</i>		

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<b>TS 46.042</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>					
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One
	<i>freeze_meeting: SP-16</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release: .</i>		

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<b>TS 46.051</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>					
Rel-5	<i>current version: none</i> <i>freeze_meeting: SP-16</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino	NOKIA Corporation	
				<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: none</i> <i>freeze_meeting: SP-16</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino	NOKIA Corporation	
				<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: none</i> <i>freeze_meeting: SP-16</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino	NOKIA Corporation	
				<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: none</i> <i>freeze_meeting: SP-16</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> SALEM, Tarek <i>MCC:</i> USAI, Paolino	T-MOBILE DEUTSCHLAND	
				<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: none</i> <i>freeze_meeting: SP-16</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino	NOKIA Corporation	
				<i>remarks - general:</i> <i>remarks - this release: .</i>		

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<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: none</i> <i>freeze_meeting: SP-16</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
			<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: none</i> <i>freeze_meeting: SP-16</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
			<i>remarks - general:</i> <i>remarks - this release: .</i>			
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<b>TS 46.081</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>					
Rel-5	<i>current version: none</i> <i>freeze_meeting: SP-16</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
			<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: none</i> <i>freeze_meeting: SP-16</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
			<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: none</i> <i>freeze_meeting: SP-16</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino		ETSI Secretariat	
			<i>remarks - general:</i> <i>remarks - this release: .</i>			
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<b>TS 48.002</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles</b>					
Rel-5	current version: 5.1.0 freeze_meeting: GP-09	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, GP-04 05/10/2001 5 . 0 . 0 GP-09 06/05/2002 5 . 1 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: .	
<b>TS 48.008</b>	<b>Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>					
Rel-5	current version: 5.5.0 freeze_meeting: GP-09	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, 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	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: . <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>	
<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-5	current version: 5.1.0 freeze_meeting: GP-09	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, GP-06 14/09/2001 5 . 0 . 0 GP-07 08/01/2002 5 . 1 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: .	
<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	current version: 5.3.0 freeze_meeting: GP-09	WG (prime / other): G2 / -	rapporteur: BLACK, Jyoti THOMASEN, Gert	MOTOROLA		
	history (event, available, version, GP-06 10/09/2001 5 . 0 . 0 GP-07 08/01/2002 5 . 1 . 0 GP-08 19/02/2002 5 . 2 . 0 GP-09 06/05/2002 5 . 3 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: . <a href="#">get it</a> <a href="#">get it</a>	

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<b>TS 48.020</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation
	freeze_meeting: NP-15	G: yes	U:	MCC:	BOSWARTHICK, David	
history (event, available, version,	NP-14 11/01/2002	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
					remarks - this release:	.
<hr/>						
<b>TS 48.058</b>	<b>Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>					
Rel-5	current version: 5.5.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: GP-09	G: yes	U:	MCC:	Peter Skov THOMASEN, Gert	
history (event, available, version,	GP-04 04/05/2001	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	GP-05 18/06/2001	5 . 1 . 0		<a href="#">get it</a>	remarks - this release:	.
	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>		
<hr/>						
<b>TS 48.060</b>	<b>In-band control of remote transcoders and rate adaptors for full rate traffic channels</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: GP-09	G: yes	U:	MCC:	Peter Skov USAI, Paolino	
history (event, available, version,	GP-09 06/05/2002	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
					remarks - this release:	.
<hr/>						
<b>TS 48.061</b>	<b>In-band control of remote transcoders and rate adaptors for half rate traffic channels</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	G1 / NP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: GP-09	G: yes	U:	MCC:	Peter Skov USAI, Paolino	
history (event, available, version,	GP-09 06/05/2002	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
					remarks - this release:	.

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

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Server ACTIVE specs Rel-5 49 .- series  
[http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_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  
history (event, available, version,  
NP-16 5 . 0 . 0

WG (prime / other): N4 / - rapporteur: VACANT,  
G: yes U: MCC: KYMALAINEN, Kimmo

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: 5.0.0  
freeze\_meeting: NP-15  
history (event, available, version,  
NP-16 5 . 0 . 0

WG (prime / other): N1 / - rapporteur: JUKIC, Zdravko Telefon AB LM Ericsson  
G: yes U: MCC: JORGENSEN, Per Johan

remarks - general:  
remarks - this release: .

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

Rel-5 current version: 5.2.0  
freeze\_meeting: GP-09  
history (event, available, version,  
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

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

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

Rel-5 50 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

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Server ACTIVE specs Rel-5 50 .- series  
[http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

## TR 50.099 GERAN project plan and open issues

Rel-5 *current version:* 0.1.6 DRAFT *WG (prime / other):* GP / - *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson  
*freeze\_meeting:* GP-09 *G: yes U:* MCC: USAI, Paolino  
*history (event, available, version,*  
GP-08 04/04/2002 0 . 0 . 14 GP-020277 [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as  
GP-08 20/03/2002 0 . 0 . 15 GP-020515 [get it](#) *remarks - this release:* GP-08: Assume planning is for Rel-5 now (since Rel-4 is frozen). Rel-5.  
draft 20/03/2002 0 . 1 . 6 [get it](#)

Rel-5 51 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

## TS 51.013 Test specification for SIM API for Java card

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.  
*freeze\_meeting:* tbd *G: yes U:* MCC: DIETZE, Claus  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* TP-16: WI is TP-020122.

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-16 *G: yes U:* MCC: ZOICAS, Adrian  
*history (event, available, version,*  
SP-16 5 . 0 . 0 *remarks - general:* SP-13: replaces 32.402.  
*remarks - this release:* .

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## 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 21.102 3rd Generation mobile system Release 4 specifications

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G:* *U:* yes *MCC:* POPE, Maurice*history (event, available, version,*  
SP-08 30/06/2000 1 . 0 . 0  
SP-10 04/01/2001 1 . 1 . 0  
SP-11 11/04/2001 4 . 0 . 0  
SP-12 05/07/2001 4 . 1 . 0  
SP-13 01/10/2001 4 . 2 . 0  
SP-14 03/01/2002 4 . 3 . 0  
SP-15 27/03/2002 4 . 4 . 0  
SP-16 4 . 5 . 0[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

### TS 21.111 USIM and IC card requirements

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11*WG (prime / other):* T3 / - *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND  
*G:* *U:* yes *MCC:* DIETZE, Claus*history (event, available, version,*  
TP-11 09/04/2001 4 . 0 . 0[get it](#) *remarks - general:*  
*remarks - this release:* 2002-04-15: T3 reported to be still thinking about whether or not to create a Rel-5 version. TP-16: decided to upgrade to Rel-5.

### TS 21.133 3G security; Security threats and requirements

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11*WG (prime / other):* S3 / - *rapporteur:* CHRISTOFFERSSON, TELIA PROMOTOR AB  
*G:* *U:* yes *MCC:* POPE, Maurice*history (event, available, version,*  
SP-11 09/04/2001 4 . 0 . 0  
SP-14 07/01/2002 4 . 1 . 0[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

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<b>TR 21.801</b>	<b>Specification drafting rules</b>					
Rel-4	<i>current version:</i> 4.3.0		WG ( <i>prime / other</i> ):	SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat
	<i>freeze_meeting:</i> SP-11		G: yes	U: yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version,</i>					
	SP-08 28/06/2000	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-08 30/06/2000	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> Formal doc created after TSG#7. (Was briefly 21.200)	
	SP-11 11/04/2001	4 . 1 . 0		<a href="#">get it</a>		
	SP-13 01/10/2001	4 . 2 . 0		<a href="#">get it</a>		
	SP-15 27/03/2002	4 . 3 . 0		<a href="#">get it</a>		

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<b>TR 21.900</b>	<b>Technical Specification Group working methods</b>					
Rel-4	<i>current version:</i> 4.0.0		WG ( <i>prime / other</i> ):	SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat
	<i>freeze_meeting:</i> SP-11		G:	U: yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version,</i>					
	SP-11 11/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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<b>TR 21.905</b>	<b>Vocabulary for 3GPP Specifications</b>					
Rel-4	<i>current version:</i> 4.4.0		WG ( <i>prime / other</i> ):	S1 / -	<i>rapporteur:</i> ZARRI, Michele	T-Mobile (UK) Ltd
	<i>freeze_meeting:</i> SP-11		G:	U: yes	<i>MCC:</i> CLAYTON, Michael	
	<i>history (event, available, version,</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> Absorbs 01.04.	
	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-13 05/10/2001	4 . 4 . 0		<a href="#">get it</a>		

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Rel-4 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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<b>TS 22.001</b>	<b>Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)</b>						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
<i>history (event, available, version,</i>							
SP-09	18/10/2000	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#5		
SP-10	08/01/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
remove change	28/02/2001	4 . 1 . 1		<a href="#">get it</a>			
bars							
SP-12	27/06/2001	4 . 2 . 0		<a href="#">get it</a>			
SP-15	25/03/2002	4 . 3 . 0		<a href="#">get it</a>			

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<b>TS 22.002</b>	<b>Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)</b>						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
<i>history (event, available, version,</i>							
SP-09	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>			

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<b>TS 22.003</b>	<b>Circuit Teleservices supported by a Public Land Mobile Network (PLMN)</b>						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
<i>history (event, available, version,</i>							
SP-07	17/03/2000	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#5		
SP-10	08/01/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
SP-12	27/06/2001	4 . 2 . 0		<a href="#">get it</a>			
SP-15	25/03/2002	4 . 3 . 0		<a href="#">get it</a>			

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<b>TS 22.004</b>	<b>General on Supplementary Services</b>						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
<i>history (event, available, version,</i>							
SP-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		4 . 2 . 0					

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<b>TS 22.011</b>	<b>Service accessibility</b>					
Rel-4	<i>current version:</i> 4.7.0	<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,</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	4 . 7 . 0				

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<b>TS 22.016</b>	<b>International Mobile Equipment Identities (IMEI)</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
	SP-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	4 . 2 . 0				

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<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,</i>					
	SP-11 02/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
	SP-16	4 . 1 . 0		<i>remarks - this release:</i>		

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<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,</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>		

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<b>TS 22.030</b>	<b>Man-Machine Interface (MMI) of the User Equipment (UE)</b>								
Rel-4	current version: 4.1.0	WG (prime / other):	S1 / -	rapporteur:	TOIVANEN, Annukka	NOKIA Corporation			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-11 02/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	Transfer>TSG#4			
	SP-15 25/03/2002	4 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
<hr/>									
<b>TS 22.032</b>	<b>Immediate Service Termination (IST); Service description; Stage 1</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	S3 /	rapporteur:	WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	POPE, Maurice				
	history (event, available, version,								
	SP-16	4 . 0 . 0			remarks - general:	SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).			
					remarks - this release:	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	current version: 4.1.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-11 02/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	Transfer>TSG#4			
	SP-16	4 . 1 . 0			remarks - this release:				
<hr/>									
<b>TS 22.038</b>	<b>USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1</b>								
Rel-4	current version: 4.1.0	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Lucent Technologies Network Systems UK			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-09 18/10/2000	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	Transfer>TSG#4			
	SP-10 08/01/2001	4 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
<hr/>									
<b>TS 22.041</b>	<b>Operator Determined Call Barring</b>								
Rel-4	current version: 4.1.0	WG (prime / other):	S1 / -	rapporteur:	WOLAK, Stephen	VODAFONE Group Plc			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-10 08/01/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	Transfer>TSG#4			
	SP-11 02/04/2001	4 . 1 . 0		<a href="#">get it</a>	remarks - this release:				

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<b>TS 22.042</b>	<b>Network Identity and Time Zone (NITZ) service description; Stage 1</b>								
Rel-4	current version: 4.1.0	WG (prime / other):	S1 / -	rapporteur:	DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,									
	SP-11 02/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	Transfer>TSG#4			
	SP-15 25/03/2002	4 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
<hr/>									
<b>TS 22.048</b>	<b>Security Mechanisms for the (U)SIM application toolkit; Stage 1</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd			
	freeze_meeting: TP-12	G: yes U: yes		MCC:	DIETZE, Claus				
history (event, available, version,									
	TP-12 06/07/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	TP-12: was previously 42.048.			
					remarks - this release:	.			
<hr/>									
<b>TS 22.053</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>								
Rel-4	current version: 4.0.1	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	USAI, Paolino				
history (event, available, version,									
	draft 23/04/1999	0 . 0 . 0		<a href="#">get it</a>	remarks - general:	Transfer>TSG#4.			
	SP-03 23/04/1999	0 . 1 . 1		<a href="#">get it</a>	remarks - this release:				
	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>					
<hr/>									
<b>TS 22.057</b>	<b>Mobile Execution Environment (MExE) service description; Stage 1</b>								
Rel-4	current version: 4.1.0	WG (prime / other):	S1 / -	rapporteur:	CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,									
	SP-09 18/10/2000	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	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>	remarks - this release:	Environment (MExE); Stage 1".			

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<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	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-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	4 . 4 . 0							
<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	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4			
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 22.067</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,</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>				
<hr/>									
<b>TS 22.071</b>	<b>Location Services (LCS); Stage 1</b>								
Rel-4	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	WOHLERT, Randolph	SBC Communications Inc.			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	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>					

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<b>TS 22.072</b>	<b>Call Deflection (CD); Stage 1</b>						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> RAUCH, Horst	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4				
			<i>remarks - this release:</i>				
<hr/>							
<b>TS 22.076</b>	<b>Noise suppression for the AMR codec; Service description; Stage 1</b>						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	edito 01/10/2001 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>				
<hr/>							
<b>TS 22.078</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1</b>						
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-09 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>					
<hr/>							
<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	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4				
			<i>remarks - this release:</i>				

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<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	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 22.082</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	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-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		ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 22.084</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		ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 22.085</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		ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			

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<b>TS 22.086</b>	<b>Advice of Charge (AoC) supplementary services; Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 22.087</b>	<b>User-to-user signalling (UUS); Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BRADEN, Christian			T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 22.088</b>	<b>Call Barring (CB) supplementary services; Stage 1</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael			ETSI Secretariat
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 22.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi			NOKIA Corporation
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 22.091</b>	<b>Explicit Call Transfer (ECT) supplementary service; Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael			ETSI Secretariat
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			

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<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	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>									
SP-11 02/04/2001	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 22.094</b>	<b>Follow Me service description - Stage 1</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	BERGMANN, Ansgar	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>									
SP-11 02/04/2001	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5				
SP-15 25/03/2002	4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> Apr2001: V3 unwithdrawn, so Rel-4 version produced.				
<hr/>									
<b>TS 22.096</b>	<b>Name identification supplementary services; Stage 1</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>									
SP-11 02/04/2001	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 22.097</b>	<b>Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>									
SP-11 02/04/2001	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4				
SP-15 25/03/2002	4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>				

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<b>TS 22.101</b>	<b>Service aspects; Service principles</b>						
Rel-4	<i>current version:</i> 4.6.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	SP-08 28/06/2000	4 . 0 . 0	based on 3.9.0	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-09 18/10/2000	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	based on 3.9.0	
	SP-10 08/01/2001	4 . 2 . 0		<a href="#">get it</a>			
	SP-11 02/04/2001	4 . 3 . 0		<a href="#">get it</a>			
	SP-12 27/06/2001	4 . 4 . 0		<a href="#">get it</a>			
	spelling 31/07/2001	4 . 4 . 1		<a href="#">get it</a>			
	SP-13 05/10/2001	4 . 5 . 0		<a href="#">get it</a>			
	SP-15 25/03/2002	4 . 6 . 0		<a href="#">get it</a>			
<b>TS 22.105</b>	<b>Services &amp; service capabilities</b>						
Rel-4	<i>current version:</i> 4.3.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	SP-09 18/10/2000	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-10 08/01/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	SP-12 27/06/2001	4 . 2 . 0		<a href="#">get it</a>			
	SP-15 25/03/2002	4 . 3 . 0		<a href="#">get it</a>			
<b>TS 22.115</b>	<b>Service Aspects Charging and billing</b>						
Rel-4	<i>current version:</i> 4.0.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	SP-11 02/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
<b>TR 22.121</b>	<b>Service aspects; The Virtual Home Environment; Stage 1</b>						
Rel-4	<i>current version:</i> 4.1.1						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	SP-04 18/10/2000	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	Former title: "Provision of Services in UMTS - The Virtual Home Environment;	
	SP-11 02/04/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	Stage 1". SP-16: converted from TS to TR.	
	SP-16	4 . 1 . 1	Converted from TS to TR.				

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## TS 22.127 Service Requirement for the Open Services Access (OSA); Stage 1

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* CLAYTON, Michael SIEMENS AG

*history (event, available, version,*

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>	

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S1 / - *rapporteur:* SAMPSON, Nick  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* CLAYTON, Michael ORANGE PCS LTD

*history (event, available, version,*

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>	

## TS 22.135 Multicall; Service description; Stage 1

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* CLAYTON, Michael NOKIA Corporation

*history (event, available, version,*

SP-11	02/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
SP-15	27/03/2002	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
SP-16		4 . 2 . 0		

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

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## TS 22.140 Service aspects; Stage 1; Multimedia Messaging Service

Rel-4	<i>current version:</i> 4.2.0	WG (prime / other):	S1 / -	<i>rapporteur:</i>	LAUMEN, Josef	SIEMENS AG
	<i>freeze_meeting:</i> SP-11	G: U: yes		<i>MCC:</i>	CLAYTON, Michael	
<i>history (event, available, version,</i>						
SP-T-3	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	(development in T2)	
SP-T-05	08/10/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	based on 3.0.0	
SP-T-06	17/12/1999	2 . 0 . 0	<a href="#">get it</a>			
SP-08		4 . 0 . 0				
SP-08	28/06/2000	4 . 0 . 1	<a href="#">get it</a>			
SP-11	02/04/2001	4 . 1 . 0	<a href="#">get it</a>			
SP-15	28/03/2002	4 . 2 . 0	<a href="#">get it</a>			

Rel-4 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.002 Network Architecture

Rel-4	<i>current version:</i> 4.4.0	WG (prime / other):	S2 / -	<i>rapporteur:</i>	SULTAN, Alain	ETSI Secretariat
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	SULTAN, Alain	
<i>history (event, available, version,</i>						
SP-09	18/10/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4,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>			

## TS 23.003 Numbering, Addressing and Identification

Rel-4	<i>current version:</i> 4.4.0	WG (prime / other):	N4 / -	<i>rapporteur:</i>	GAASVIK, Per-Ola	COMVIQ GSM AB
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo	
<i>history (event, available, version,</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		4 . 4 . 0				

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

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<b>TS 23.007</b>	<b>Restoration procedures</b>					
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001	4	.	0	.	0
	NP-16	4	.	1	.	0
				<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
<b>TS 23.008</b>	<b>Organisation of subscriber data</b>					
Rel-4	<i>current version:</i> 4.2.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	NP-11 28/03/2001	4	.	0	.	0
	NP-12 27/06/2001	4	.	1	.	0
	NP-16	4	.	2	.	0
				<a href="#">get it</a>	<i>remarks - general:</i>	
				<a href="#">get it</a>	<i>remarks - this release:</i>	
<hr/>						
<b>TS 23.009</b>	<b>Handover procedures</b>					
Rel-4	<i>current version:</i> 4.4.0			<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND,	Ericsson Incorporated
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>					
	NP-11 11/04/2001	4	.	0	.	0
	NP-12 06/07/2001	4	.	1	.	0
	NP-13 05/10/2001	4	.	2	.	0
	NP-14 08/01/2002	4	.	3	.	0
	NP-16	4	.	4	.	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>		
				<a href="#">get it</a>		
<hr/>						
<b>TS 23.011</b>	<b>Technical realization of Supplementary Services</b>					
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001	4	.	0	.	0
				<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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**TS 23.012 Location management procedures**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* VACANT,  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

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

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**TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 11/04/2001 4 . 0 . 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 ????  
*remarks - this release:*

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**TS 23.015 Technical realisation of Operator Determined Barring (ODB)**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 02/04/2001 4 . 0 . 0

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

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

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**TS 23.016 Subscriber data management; Stage 2**

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 30/03/2001 4 . 0 . 0  
NP-15 28/03/2002 4 . 1 . 0  
NP-16 4 . 2 . 0

*WG (prime / other):* N4 / - *rapporteur:* VACANT,  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

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

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

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<b>TS 23.018</b>	<b>Basic Call Handling; Technical realization</b>					
Rel-4	current version: 4.6.0 freeze_meeting: SP-11	WG (prime / other): N4 / -	rapporteur: PARK, Ian David Chalmers	VODAFONE LTD		
		G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	NP-09 25/10/2000 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	NP-10 21/12/2000 4 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	NP-11 06/04/2001 4 . 2 . 0	<a href="#">get it</a>				
	NP-12 27/06/2001 4 . 3 . 0	<a href="#">get it</a>				
	NP-13 03/10/2001 4 . 4 . 0	<a href="#">get it</a>				
	NP-14 16/01/2002 4 . 5 . 0	<a href="#">get it</a>				
	NP-15 28/03/2002 4 . 6 . 0	<a href="#">get it</a>				
<b>TS 23.032</b>	<b>Universal Geographical Area Description (GAD)</b>					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S2 / -	rapporteur: HIETALAHTI, Hannu SULTAN, Alain	NOKIA Corporation		
	history (event, available, version, SP-11 11/04/2001 4 . 0 . 0	G: yes U: yes	MCC: S2 responsibility?			
		<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<b>TS 23.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 2</b>					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): N1 / -	rapporteur: CARRION RODRIGO, Inmaculada	NOKIA Corporation		
	history (event, available, version, NP-11 11/04/2001 4 . 0 . 0	G: yes U: yes	MCC: JORGENSEN, Per Johan			
		<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<b>TS 23.035</b>	<b>Immediate Service Termination (IST); Stage 2</b>					
Rel-4	current version: 4.0.0 freeze_meeting: SP-16	WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	history (event, available, version, SP-16 4 . 0 . 0	G: yes U: yes	MCC: POPE, Maurice			
			remarks - general:	SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).		
			remarks - this release:	SP-16: takes over from 43.035 Rel-4		

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

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## TS 23.038 Alphabets and language-specific information

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
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](#)

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## 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 Teleca Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
TP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
TP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
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-15 4 . 7 . 0

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
TP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
TP-12 04/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
TP-14 11/01/2002 4 . 2 . 0 [get it](#)  
TP-15 4 . 3 . 0

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

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<b>TS 23.042</b>	<b>Compression algorithm for SMS</b>						
Rel-4	<i>current version:</i> 4.0.1			<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>						
	TP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	include test vector 17/10/2001	4 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i>		
	file						
<hr/>							
<b>TS 23.048</b>	<b>Security Mechanisms for the (U)SIM application toolkit; Stage 2</b>						
Rel-4	<i>current version:</i> 4.3.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd	
	<i>freeze_meeting:</i> TP-12			G: yes U: yes	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version,</i>						
	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>			
<hr/>							
<b>TS 23.053</b>	<b>Tandem Free Operation (TFO); Service description; Stage 2</b>						
Rel-4	<i>current version:</i> 4.0.1			<i>WG (prime / other):</i> S4 / S2	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat	
	<i>freeze_meeting:</i>			G: yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>						
	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>			
<hr/>							
<b>TS 23.057</b>	<b>Mobile Execution Environment (MExE); Functional description; Stage 2</b>						
Rel-4	<i>current version:</i> 4.5.0			<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BRENK, Lars	TTPCom Ltd	
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>						
	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>			

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



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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S2 / - *rapporteur:* DELECKI, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* SULTAN, Alain

*history (event, available, version,*  
SP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-13 12/10/2001 4 . 2 . 0 [get it](#)  
SP-14 08/01/2002 4 . 3 . 0 [get it](#)  
edito 08/01/2002 4 . 3 . 1 [get it](#)  
SP-15 05/04/2002 4 . 4 . 0 [get it](#)  
SP-16 4 . 5 . 0

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4, CR at TSG#5  
*remarks - this release:*

## TS 23.067 Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N4 / - *rapporteur:* PERLICK, Vivien SAGEM Group  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-10 21/12/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 27/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

## TS 23.072 Call Deflection Supplementary Service; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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<b>TS 23.078</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2</b>								
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i>	N2 / -	<i>rapporteur:</i>	HOMANN, Christian	ALCATEL SEL AG			
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version,</i>								
	NP-11 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	4 . 5 . 0							
<hr/>									
<b>TS 23.079</b>	<b>Support of Optimal Routeing (SOR); Technical realization; Stage 2</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	PARK, Ian David	VODAFONE LTD			
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	Chalmers KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	CR at TSG#4,CR at TSG#5			
	NP-16	4 . 1 . 0			<i>remarks - this release:</i>	.			
<hr/>									
<b>TS 23.081</b>	<b>Line Identification supplementary services; Stage 2</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	VACANT,				
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 23.082</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	VACANT,				
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	NP-12 27/06/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	NP-13 03/10/2001	4 . 2 . 0		<a href="#">get it</a>					
	NP-16	4 . 3 . 0							

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<b>TS 23.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2</b>					
Rel-4	current version: 4.3.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
NP-09	26/10/2000	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	
NP-11	30/03/2001	4 . 1 . 0		<a href="#">get it</a>	remarks - this release:	
inclusion of	24/04/2001	4 . 2 . 0		<a href="#">get it</a>		
missed CR						
NP-14	10/01/2002	4 . 3 . 0		<a href="#">get it</a>		

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<b>TS 23.084</b>	<b>MultiParty (MPTY) Supplementary Service; Stage 2</b>					
Rel-4	current version: 4.0.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
NP-11	30/03/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	
					remarks - this release:	

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<b>TS 23.085</b>	<b>Closed User Group (CUG) Supplementary Service; Stage 2</b>					
Rel-4	current version: 4.0.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
NP-11	04/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	
					remarks - this release:	

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<b>TS 23.086</b>	<b>Advice of Charge (AoC) Supplementary Service; Stage 2</b>					
Rel-4	current version: 4.0.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
NP-11	04/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	
					remarks - this release:	

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<b>TS 23.087</b>	<b>User-to-User Signalling (UUS) supplementary service; Stage 2</b>					
Rel-4	current version: 4.0.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
NP-11	04/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	
					remarks - this release:	

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<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> DETTNER, Harald	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-11 04/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<b>TS 23.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CROOK, Mick	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-11 04/04/2001 4 . 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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-11 30/03/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-11 04/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<b>TS 23.094</b>	<b>Follow Me Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-11 04/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5 <i>remarks - this release:</i>

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<b>TS 23.096</b>	<b>Name Identification Supplementary Service; Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-11 04/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<b>TS 23.097</b>	<b>Multiple Subscriber Profile (MSP) Phase 1; Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HEWSON, Ruth	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-11 04/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5 <i>remarks - this release:</i>
<b>TS 23.101</b>	<b>General UMTS Architecture</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OLSSON, Magnus	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> SULTAN, Alain			
	<i>history (event, available, version,</i> SP-11 11/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<b>TS 23.107</b>	<b>Quality of Service (QoS) concept and architecture</b>					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GREIS, Marc	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> SULTAN, Alain			
	<i>history (event, available, version,</i> SP-10 22/12/2000 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> was 23.907
	SP-12 29/06/2001 4 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i>
	SP-13 12/10/2001 4 . 2 . 0				<a href="#">get it</a>	
	SP-14 07/01/2002 4 . 3 . 0				<a href="#">get it</a>	
	SP-15 07/04/2002 4 . 4 . 0				<a href="#">get it</a>	
<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> SULTAN, Alain			
	<i>history (event, available, version,</i> SP-11 11/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>

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						<a href="http://www.3gpp.org/ftp/Specs/archive/23_series">http://www.3gpp.org/ftp/Specs/archive/23_series</a>			
<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,</i>								
	NP-11 04/04/2001	4	.	0	.	0			
	NP-12 27/06/2001	4	.	1	.	0			
	NP-14 10/01/2002	4	.	2	.	0			
				<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5				
				<a href="#">get it</a>	<i>remarks - this release:</i>				
				<a href="#">get it</a>					
<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,</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>				
<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> 4.1.0			<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,</i>								
	NP-11 11/04/2001	4	.	0	.	0			
	NP-12 05/07/2001	4	.	1	.	0			
				<a href="#">get it</a>	<i>remarks - general:</i>				
				<a href="#">get it</a>	<i>remarks - this release:</i>				
<b>TS 23.127</b>	<b>Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2</b>								
Rel-4	<i>current version:</i> 4.3.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GOURRAUD, SULTAN, Alain	ERICSSON RESEARCH CANADA			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i>				
	<i>history (event, available, version,</i>								
	SP-09 06/11/2000	4	.	0	.	0			
	SP-11 06/04/2001	4	.	1	.	0			
	SP-12 29/06/2001	4	.	2	.	0			
	SP-15 05/04/2002	4	.	3	.	0			
				<a href="#">get it</a>	<i>remarks - general:</i> Sept 00: "Open Service Architecture" removed from title.				
				<a href="#">get it</a>	<i>remarks - this release:</i>				
				<a href="#">get it</a>					
				<a href="#">get it</a>					
<b>TS 23.135</b>	<b>Multicall supplementary service; Stage 2</b>								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-09 25/10/2000	4	.	0	.	0			
				<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

TP-09	06/10/2000	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
TP-10	21/12/2000	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
TP-11	29/03/2001	4	.	2	.	0	<a href="#">get it</a>
TP-12	03/07/2001	4	.	3	.	0	<a href="#">get it</a>
TP-13	05/10/2001	4	.	4	.	0	<a href="#">get it</a>
TP-14	11/01/2002	4	.	5	.	0	<a href="#">get it</a>
TP-15	21/03/2002	4	.	6	.	0	<a href="#">get it</a>
TP-15		4	.	7	.	0	

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* HAGIWARA, Junichiro NTT DoCoMo Inc.  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

*history (event, available, version,*

NP-06	17/12/1999	1	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
NP-07	17/03/2000	1	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> New @ TSG#6, Circuit switched type of Real time Non transparent FAX specification. TSG#7:1.1.0 "but not stable enough to be made available"!
N3-10	25/05/2000	2	.	0	.	0	<a href="#">get it</a>
NP-08	23/06/2000	4	.	0	.	0	<a href="#">get it</a>
NP-09	12/10/2000	4	.	1	.	0	<a href="#">get it</a>

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-10 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

draft	14/01/2000	1	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> New after TSG#5
NP-07	21/11/2000	2	.	0	.	0	<a href="#">get it</a> <i>remarks - this release:</i> argument in SA over r99 or r00] concl: not approved
NP-10		2	.	3	.	0	NP-000653
NP-10	09/01/2001	4	.	0	.	0	<a href="#">get it</a>
NP-11	04/04/2001	4	.	1	.	0	<a href="#">get it</a>
NP-12	27/06/2001	4	.	2	.	0	<a href="#">get it</a>
NP-13	03/10/2001	4	.	3	.	0	<a href="#">get it</a>
NP-14	10/01/2002	4	.	4	.	0	<a href="#">get it</a>

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

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* N4 / - *rapporteur:* GARCIA-MENDIVE, Telefon AB LM Ericsson  
Elena  
*G:* U: yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-10	12/01/2001	1	.	0	.	1	N4-001104
NP-11	30/03/2001	4	.	0	.	0	
NP-12	06/07/2001	4	.	1	.	0	
NP-13	03/10/2001	4	.	2	.	0	
NP-14	10/01/2002	4	.	3	.	0	
NP-15	28/03/2002	4	.	4	.	0	
NP-16		4	.	5	.	0	

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

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## TS 23.221 Architectural requirements

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11

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

*history (event, available, version,*

draft	07/11/2000	0	.	0	.	5	
SP-10	31/01/2001	1	.	0	.	0	SP-000595
draft	01/02/2001	1	.	1	.	0	
SP-11	06/04/2001	4	.	0	.	0	
SP-12	02/07/2001	4	.	1	.	0	
SP-16		4	.	2	.	0	

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

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## 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

*WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga ERICSSON MOBILE COMMUNICATIONS AB  
RODERMUND, Friedhelm

*history (event, available, version,*

draft	06/09/2000	0	.	1	.	0	
TP-11	02/04/2001	4	.	0	.	0	
TP-14	11/01/2002	4	.	1	.	0	
TP-15	26/03/2002	4	.	2	.	0	

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

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## TS 23.271 Functional stage 2 description of location services

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* SULTAN, Alain

*history (event, available, version,*  
draft 10/07/2000 0 . 1 . 0 [get it](#) *remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards.  
draft 14/09/2000 0 . 2 . 0 [get it](#) *remarks - this release:* post-TSG#8: Recombined 2G and 3G spec.  
SP-09 09/11/2000 1 . 0 . 0 [get it](#)  
draft 22/11/2000 1 . 1 . 0 [get it](#)  
SP-10 2 . 0 . 0 SP-000596  
SP-10 27/02/2001 4 . 0 . 0 [get it](#)  
SP-11 11/04/2001 4 . 1 . 0 [get it](#)  
SP-12 02/07/2001 4 . 2 . 0 [get it](#)  
SP-13 15/10/2001 4 . 3 . 0 [get it](#)  
SP-14 07/01/2002 4 . 4 . 0 [get it](#)  
SP-15 29/03/2002 4 . 5 . 0 [get it](#)  
SP-16 4 . 6 . 0

## TR 23.821 Architecture Principles for Release 2000

Rel-4 *current version:* 1.0.1 DRAFT *WG (prime / other):* S2 / - *rapporteur:* LIND, Christer Indicate persons who left Company and wait for new One  
*freeze\_meeting:* *G: U: yes* *MCC:* SULTAN, Alain

*history (event, available, version,*  
SP-08 28/06/2000 1 . 0 . 1 [get it](#) *remarks - general:* New after TSG#5  
*remarks - this release:*

## TR 23.873 Feasibility study fro transport and control separation in the PS CN domain

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S2 / - *rapporteur:* IBANEZ, Juan-Antonio Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: U: yes* *MCC:* SULTAN, Alain

*history (event, available, version,*  
draft 12/09/2000 0 . 2 . 0 [get it](#) *remarks - general:*  
draft 08/11/2000 0 . 3 . 0 [get it](#) *remarks - this release:*  
draft 20/11/2000 0 . 4 . 0 [get it](#)  
SP-10 31/01/2001 1 . 0 . 0 [get it](#)  
draft 30/12/2000 1 . 1 . 0 [get it](#)  
SP-11 11/04/2001 4 . 0 . 0 [get it](#)

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**TR 23.874 Feasibility study of architecture for network requested PDP context activation with User-ID**  
Rel-4 *current version:* 1.3.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* KITADA, Yoshinori NTT COMWARE Corporation  
*freeze\_meeting:* G: U: yes *MCC:* SULTAN, Alain  
*history (event, available, version,*  
SP-09 1 . 0 . 0 *remarks - general:*  
draft 08/11/2000 1 . 2 . 0 *remarks - this release: .*  
draft 24/11/2000 1 . 3 . 0 [get it](#)  
[get it](#)

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**TR 23.907 Quality of Service concept**  
Rel-4 *current version:* 1.2.0 DRAFT *WG (prime / other):* S2 / *rapporteur:* VACANT,  
*freeze\_meeting:* G: U: yes *MCC:* SULTAN, Alain  
*history (event, available, version,*  
draft 15/11/1998 0 . 1 . 0 [get it](#) *remarks - general:*  
draft 15/01/1999 0 . 2 . 0 [get it](#) *remarks - this release: .*  
draft 15/04/1999 0 . 3 . 0 [get it](#)  
draft 30/04/1999 0 . 4 . 0 [get it](#)  
draft 15/05/1999 0 . 5 . 0 [get it](#)  
S2-05 30/05/1999 1 . 0 . 0 [get it](#)  
draft 30/06/1999 1 . 1 . 0 [get it](#)  
draft 15/07/1999 1 . 2 . 0 [get it](#)

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**TR 23.908 Technical report on Pre-Paging**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-11 G: yes U: yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**TR 23.909 Technical report on the Gateway Location Register**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* SP-11 G: yes U: yes *MCC:* Chalmers  
KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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<b>TR 23.910</b>	<b>Circuit switched data bearer services</b>					
Rel-4	current version: 4.4.0	WG (prime / other): N3 / -	rapporteur: WIJK, Rune Werner	Telefon AB LM Ericsson		
	freeze_meeting: SP-11	G: U: yes	MCC: BOSWARTHICK, David			
	history (event, available, version,					
	NP-09 18/10/2000 4 . 0 . 0	<a href="#">get it</a>	remarks - general:	03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)		
	edito 24/10/2000 4 . 0 . 1	<a href="#">get it</a>	remarks - this release:			
	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>				
<b>TR 23.911</b>	<b>Technical report on Out-of-band transcoder control</b>					
Rel-4	current version: 4.0.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	ETSI Secretariat		
	freeze_meeting: SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<b>TR 23.912</b>	<b>Technical report on Super-Charger</b>					
Rel-4	current version: 4.1.0	WG (prime / other): N4 / -	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	NP-14 10/01/2002 4 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
<b>TR 23.925</b>	<b>UMTS Core network based ATM transport</b>					
Rel-4	current version: none	WG (prime / other): S2 / -	rapporteur: ROUZ, Adel	FUJITSU Laboratories of Europe Limited		
	freeze_meeting: SP-11	G: yes U: yes	MCC: SULTAN, Alain			
	history (event, available, version,					
			remarks - general:	Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.		
			remarks - this release:			
<b>TR 23.930</b>	<b>Iu Principles</b>					
Rel-4	current version: 4.0.0	WG (prime / other): S2 / -	rapporteur: AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND		
	freeze_meeting: SP-11	G: U: yes	MCC: SULTAN, Alain			
	history (event, available, version,					
	SP-11 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			

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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 24.002</b>	<b>GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration</b>								
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
	<i>history (event, available, version,</i> NP-11 06/04/2001 4 . 0 . 0	<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan						
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>						
<b>TS 24.007</b>	<b>Mobile radio interface signalling layer 3; General Aspects</b>								
Rel-4	<i>current version:</i> 4.2.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd					
	<i>history (event, available, version,</i> NP-11 11/04/2001 4 . 0 . 0 NP-14 04/01/2002 4 . 1 . 0 NP-16 4 . 2 . 0	<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan						
		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5						
		<a href="#">get it</a>	<i>remarks - this release:</i>						
<b>TS 24.008</b>	<b>Mobile radio interface Layer 3 specification; Core network protocols; Stage 3</b>								
Rel-4	<i>current version:</i> 4.7.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd					
	<i>history (event, available, version,</i> NP-09 12/10/2000 4 . 0 . 0 NP-10 03/01/2001 4 . 1 . 0 edito 09/01/2001 4 . 1 . 1 NP-11 06/04/2001 4 . 2 . 0 edito 06/07/2001 4 . 2 . 1 replaces missing section of table NP-12 13/07/2001 4 . 3 . 0 NP-13 04/10/2001 4 . 4 . 0 NP-14 09/01/2002 4 . 5 . 0 NP-15 21/03/2002 4 . 6 . 0 NP-16 4 . 7 . 0	<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan						
		<a href="#">get it</a>	<i>remarks - general:</i> CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to						
		<a href="#">get it</a>	<i>remarks - this release:</i> be resolved till Jun00.						
		<a href="#">get it</a>							
		<a href="#">get it</a>							
		<a href="#">get it</a>							
		<a href="#">get it</a>							
		<a href="#">get it</a>							
		<a href="#">get it</a>							
		<a href="#">get it</a>							

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<b>TS 24.010</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects</b>						
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
	history (event, available, version, NP-11 30/03/2001 4 . 0 . 0 NP-13 03/10/2001 4 . 1 . 0 NP-14 10/01/2002 4 . 2 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo				
		<a href="#">get it</a>	remarks - general:				
		<a href="#">get it</a>	remarks - this release:				
		<a href="#">get it</a>					
<hr/>							
<b>TS 24.011</b>	<b>Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface</b>						
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): N1 / T2	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
	history (event, available, version, NP-11 06/04/2001 4 . 0 . 0 NP-15 19/03/2002 4 . 1 . 0	G: yes U: yes	MCC: JORGENSEN, Per Johan				
		<a href="#">get it</a>	remarks - general: Transfer>TSG#4				
		<a href="#">get it</a>	remarks - this release:				
<hr/>							
<b>TS 24.022</b>	<b>Radio Link Protocol (RLP) for circuit switched bearer and teleservices</b>						
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): N3 / -	rapporteur: KLEHN, Norbert	SIEMENS AG			
	history (event, available, version, NP-11 06/04/2001 4 . 0 . 0	G: yes U: yes	MCC: BOSWARTHICK, David				
		<a href="#">get it</a>	remarks - general: CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC)				
			remarks - this release:				
<hr/>							
<b>TS 24.030</b>	<b>Location Services (LCS); Supplementary service operations; Stage 3</b>						
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other): N4 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)			
	history (event, available, version, NP-11 30/03/2001 4 . 0 . 0 NP-12 27/06/2001 4 . 1 . 0 NP-14 10/01/2002 4 . 2 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo				
		<a href="#">get it</a>	remarks - general: TSG#7: txfrd from SMG to 3GPP for R99.				
		<a href="#">get it</a>	remarks - this release:				
		<a href="#">get it</a>					

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<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> PERLICK, Vivien	SAGEM Group		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	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> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 24.080</b>	<b>Mobile radio Layer 3 supplementary service specification; Formats and coding</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	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 4 . 3 . 0					
<hr/>						
<b>TS 24.081</b>	<b>Line Identification Supplementary Service; Stage 3</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 24.082</b>	<b>Call Forwarding supplementary service; Stage 3</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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**TS 24.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**TS 24.084 MultiParty (MPY) Supplementary Service; Stage 3**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**TS 24.085 Closed User Group (CUG) Supplementary Service; Stage 3**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald SIEMENS AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**TS 24.086 Advice of Charge (AoC) Supplementary Service; Stage 3**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald SIEMENS AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**TS 24.087 User-to-User Signalling (UUS); Stage 3**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald SIEMENS AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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<b>TS 24.088</b>	<b>Call Barring (CB) Supplementary Service; Stage 3</b>	Rel-4 current version: 4.0.0 freeze_meeting: SP-11 history (event, available, version, NP-11 04/04/2001 4 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: DETTNER, Harald MCC: KYMALAINEN, Kimmo	SIEMENS AG	<a href="#">get it</a> remarks - general: remarks - this release:
<b>TS 24.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 3</b>	Rel-4 current version: 4.0.0 freeze_meeting: SP-11 history (event, available, version, NP-11 04/04/2001 4 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: BRUSS, Jörg MCC: KYMALAINEN, Kimmo	ERICSSON Eurolab Deutschland GmbH	<a href="#">get it</a> remarks - general: remarks - this release:
<b>TS 24.091</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 3</b>	Rel-4 current version: 4.0.0 freeze_meeting: SP-11 history (event, available, version, NP-11 04/04/2001 4 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: RUSSELL, Nick MCC: KYMALAINEN, Kimmo	VODAFONE Group Plc	<a href="#">get it</a> remarks - general: remarks - this release:
<b>TS 24.093</b>	<b>Call Completion to Busy Subscriber (CCBS); Stage 3</b>	Rel-4 current version: 4.0.0 freeze_meeting: SP-11 history (event, available, version, NP-11 04/04/2001 4 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: DETTNER, Harald MCC: KYMALAINEN, Kimmo	SIEMENS AG	<a href="#">get it</a> remarks - general: remarks - this release:
<b>TS 24.096</b>	<b>Name Identification Supplementary Service; Stage 3</b>	Rel-4 current version: 4.0.0 freeze_meeting: SP-11 history (event, available, version, NP-11 04/04/2001 4 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: DETTNER, Harald MCC: KYMALAINEN, Kimmo	SIEMENS AG	<a href="#">get it</a> remarks - general: remarks - this release:

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## TS 24.135 Multicall supplementary service; Stage 3

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0  
NP-14 10/01/2002 4 . 1 . 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:*

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 UE Radio transmission and reception (FDD)

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 10/04/2001 4 . 0 . 0  
RP-12 29/06/2001 4 . 1 . 0  
RP-13 03/10/2001 4 . 2 . 0  
RP-14 14/01/2002 4 . 3 . 0  
RP-15 29/03/2002 4 . 4 . 0  
RP-16 4 . 5 . 0

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

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

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

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 10/04/2001 4 . 0 . 0  
RP-12 29/06/2001 4 . 1 . 0  
RP-13 10/10/2001 4 . 2 . 0  
RP-14 14/01/2002 4 . 3 . 0  
RP-15 29/03/2002 4 . 4 . 0  
RP-16 4 . 5 . 0

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

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

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

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Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

WG (prime / other): R4 / - rapporteur: SKÖLD, Johan Telefon AB LM Ericsson

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	03/10/2001	4	.	2	.	0
RP-14	14/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16		4	.	5	.	0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

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

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-11	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		4	.	5	.	0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

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## TS 25.106 UTRA Repeater; Radio transmission and reception

Rel-4 current version: 4.2.0

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

history (event, available, version,

Start of work	01/08/2000	0	.	0	.	1
RP-09	13/10/2000	1	.	0	.	0
RP-10	21/12/2000	1	.	1	.	0
RP-11	10/04/2001	4	.	0	.	0
RP-13	10/10/2001	4	.	1	.	0
RP-16		4	.	2	.	0

RP-000596

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

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

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## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version,*  
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 10/10/2001 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version,*  
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 10/10/2001 4 . 2 . 0 [get it](#)  
RP-14 16/01/2002 4 . 3 . 0 [get it](#)  
RP-15 29/03/2002 4 . 4 . 0 [get it](#)  
RP-16 4 . 5 . 0

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*freeze\_meeting:* RP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version,*  
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 10/10/2001 4 . 2 . 0 [get it](#)  
RP-14 17/01/2002 4 . 3 . 0 [get it](#)  
RP-15 29/03/2002 4 . 4 . 0 [get it](#)  
RP-16 4 . 5 . 0

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

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## TS 25.141 Base station conformance testing (FDD)

Rel-4 *current version:* 4.5.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	03/10/2001	4	.	2	.	0
RP-14	16/01/2002	4	.	3	.	0
RP-15	02/04/2002	4	.	4	.	0
RP-16		4	.	5	.	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](#)

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## TS 25.142 Base station conformance testing (TDD)

Rel-4 *current version:* 4.5.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-14	16/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16		4	.	5	.	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](#)

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## TS 25.143 UTRA repeater; Conformance testing

Rel-4 *current version:* 4.4.0

*freeze\_meeting:* RP-11

*history (event, available, version,*

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-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		4	.	4	.	0

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

[get it](#) *remarks - general:* Created by renumbering 25.107  
[get it](#) *remarks - this release:* Was to have been 25.107. But never was.  
[get it](#)  
[get it](#)  
[get it](#)

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

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<b>TS 25.201</b>	<b>Physical layer - general description</b>						
Rel-4	<i>current version:</i> 4.3.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	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	4 . 3 . 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>				
<hr/>							
<b>TS 25.211</b>	<b>Physical channels and mapping of transport channels onto physical channels (FDD)</b>						
Rel-4	<i>current version:</i> 4.5.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	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	4 . 5 . 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>				
			<a href="#">get it</a>				
			<a href="#">get it</a>				
<hr/>							
<b>TS 25.212</b>	<b>Multiplexing and channel coding (FDD)</b>						
Rel-4	<i>current version:</i> 4.5.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	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	4 . 5 . 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>				
			<a href="#">get it</a>				
			<a href="#">get it</a>				
<hr/>							

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

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## TS 25.213 Spreading and modulation (FDD)

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 05/04/2001 4 . 0 . 0  
RP-12 28/06/2001 4 . 1 . 0  
RP-14 09/01/2002 4 . 2 . 0  
RP-16 4 . 3 . 0

*WG (prime / other):* R1 / - *rapporteur:* CHAMBERS, Peter  
*G:* *U:* yes *MCC:* IKEDA, Shinobu SIEMENS AG  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

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## TS 25.214 Physical layer procedures (FDD)

Rel-4 *current version:* 4.4.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 05/04/2001 4 . 0 . 0  
RP-12 28/06/2001 4 . 1 . 0  
RP-13 08/10/2001 4 . 2 . 0  
RP-14 09/01/2002 4 . 3 . 0  
RP-15 29/03/2002 4 . 4 . 0

*WG (prime / other):* R1 / - *rapporteur:* IKEDA, Shinobu  
*G:* *U:* yes *MCC:* IKEDA, Shinobu ETSI Secretariat  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

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## TS 25.215 Physical layer; Measurements (FDD)

Rel-4 *current version:* 4.4.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 05/04/2001 4 . 0 . 0  
RP-12 28/06/2001 4 . 1 . 0  
RP-13 08/10/2001 4 . 2 . 0  
RP-14 09/01/2002 4 . 3 . 0  
RP-15 29/03/2002 4 . 4 . 0

*WG (prime / other):* R1 / - *rapporteur:* IKEDA, Shinobu  
*G:* *U:* yes *MCC:* IKEDA, Shinobu ETSI Secretariat  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

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

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<b>TS 25.221</b>	<b>Physical channels and mapping of transport channels onto physical channels (TDD)</b>								
Rel-4	<i>current version:</i> 4.5.0			WG (prime / other): R1 / -	<i>rapporteur:</i> HIRAMATSU, Katsuhiko	Matsushita Communication Industrial Co, Ltd			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> IKEDA, Shinobu				
	<i>history (event, available, version,</i>								
	RP-11 05/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-12 28/06/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	RP-13 08/10/2001	4 . 2 . 0		<a href="#">get it</a>					
	RP-14 09/01/2002	4 . 3 . 0		<a href="#">get it</a>					
	RP-15 29/03/2002	4 . 4 . 0		<a href="#">get it</a>					
	RP-16	4 . 5 . 0							
<hr/>									
<b>TS 25.222</b>	<b>Multiplexing and channel coding (TDD)</b>								
Rel-4	<i>current version:</i> 4.4.0			WG (prime / other): R1 / -	<i>rapporteur:</i> KAHTAVA, Jussi	Nokia Japan Co. Ltd			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> IKEDA, Shinobu				
	<i>history (event, available, version,</i>								
	RP-11 05/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-13 08/10/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	RP-14 09/01/2002	4 . 2 . 0		<a href="#">get it</a>					
	RP-15 29/03/2002	4 . 3 . 0		<a href="#">get it</a>					
	RP-16	4 . 4 . 0							
<hr/>									
<b>TS 25.223</b>	<b>Spreading and modulation (TDD)</b>								
Rel-4	<i>current version:</i> 4.4.0			WG (prime / other): R1 / -	<i>rapporteur:</i> IKEDA, Shinobu				
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> IKEDA, Shinobu				
	<i>history (event, available, version,</i>								
	RP-11 05/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-12 28/06/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	RP-13 08/10/2001	4 . 2 . 0		<a href="#">get it</a>					
	RP-14 09/01/2002	4 . 3 . 0		<a href="#">get it</a>					
	RP-15 29/03/2002	4 . 4 . 0		<a href="#">get it</a>					

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

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## TS 25.224 Physical layer procedures (TDD)

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 05/04/2001 4 . 0 . 0  
RP-12 28/06/2001 4 . 1 . 0  
RP-13 08/10/2001 4 . 2 . 0  
RP-14 09/01/2002 4 . 3 . 0  
RP-15 29/03/2002 4 . 4 . 0  
RP-16 4 . 5 . 0

WG (*prime / other*): R1 / - *rapporteur:* OESTREICH, Stefan SIEMENS AG  
G: U: yes *MCC:* IKEDA, Shinobu

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

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## TS 25.225 Physical layer; Measurements (TDD)

Rel-4 *current version:* 4.4.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 05/04/2001 4 . 0 . 0  
RP-12 28/06/2001 4 . 1 . 0  
RP-13 08/10/2001 4 . 2 . 0  
RP-14 09/01/2002 4 . 3 . 0  
RP-16 4 . 4 . 0

WG (*prime / other*): R1 / - *rapporteur:* IKEDA, Shinobu ETSI Secretariat  
G: U: yes *MCC:* IKEDA, Shinobu

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

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## TS 25.301 Radio Interface Protocol Architecture

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 27/03/2001 4 . 0 . 0  
RP-12 19/06/2001 4 . 1 . 0  
RP-14 04/01/2002 4 . 2 . 0  
RP-16 4 . 3 . 0

WG (*prime / other*): R2 / - *rapporteur:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH  
G: U: yes *MCC:* VAN DER VEEN, Hans

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

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



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## TS 25.302 Services provided by the physical layer

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* VAN DER VEEN, Hans

*history (event, available, version,*  
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 4 . 5 . 0

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## 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:* VAN DER VEEN, Hans

*history (event, available, version,*  
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 02/10/2001 4 . 2 . 0 [get it](#)  
RP-14 04/01/2002 4 . 3 . 0 [get it](#)  
RP-15 19/03/2002 4 . 4 . 0 [get it](#)  
RP-16 4 . 5 . 0

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## TS 25.304 UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* VAN DER VEEN, Hans

*history (event, available, version,*  
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 27/06/2001 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 4 . 5 . 0

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

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<b>TS 25.305</b>	<b>User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-11	G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans			
	<i>history (event, available, version,</i>					
	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>			

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<b>TS 25.306</b>	<b>UE Radio Access capabilities definition</b>					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BERGGREN, Anders	Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans			
	<i>history (event, available, version,</i>					
	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	4 . 5 . 0				

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<b>TS 25.307</b>	<b>Requirements on UEs supporting a release-independent frequency band</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> R2 / R4	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-13	G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans			
	<i>history (event, available, version,</i>					
	RP-13 02/10/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Release independent! - sort of. RP-13: responsibility: R2 = signalling	
	RP-14 04/01/2002	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	Expect continual updates each time a new band is allowed. requirements, R4 = RF &	

RMM requirements.

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<b>TS 25.321</b>	<b>Medium Access Control (MAC) protocol specification</b>					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> GESSNER, Christina	SIEMENS AG		
	<i>freeze_meeting:</i> RP-11	G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans			
	<i>history (event, available, version,</i>					
	RP-11 27/03/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	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	4 . 5 . 0				

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

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

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

RP-11	27/03/2001	4	.	0	.	0
RP-12	19/06/2001	4	.	1	.	0
RP-13	03/10/2001	4	.	2	.	0
RP-14	04/01/2002	4	.	3	.	0
RP-15	19/03/2002	4	.	4	.	0
RP-16		4	.	5	.	0

*WG (prime / other):* R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION  
*G:* *U:* yes *MCC:* VAN DER VEEN, Hans

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

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

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

RP-11	27/03/2001	4	.	0	.	0
RP-12	19/06/2001	4	.	1	.	0
RP-13	02/10/2001	4	.	2	.	0
RP-14	04/01/2002	4	.	3	.	0
RP-15	19/03/2002	4	.	4	.	0
RP-16		4	.	5	.	0

*WG (prime / other):* R2 / - *rapporteur:* HANS, Martin SIEMENS AG  
*G:* *U:* yes *MCC:* VAN DER VEEN, Hans

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

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## TS 25.324 Broadcast/Multicast Control (BMC)

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

RP-11	27/03/2001	4	.	0	.	0
RP-16		4	.	1	.	0

*WG (prime / other):* R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH  
*G:* *U:* yes *MCC:* VAN DER VEEN, Hans

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

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

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

Rel-4 *current version:* 4.5.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd

*G:* U: yes *MCC:* VAN DER VEEN, Hans

*history (event, available, version,*

RP-11 06/04/2001 4 . 0 . 0

RP-12 27/06/2001 4 . 1 . 0

RP-13 08/10/2001 4 . 2 . 0

replace ASN.1 16/10/2001 4 . 2 . 1

RP-14 18/01/2002 4 . 3 . 0

RP-15 25/03/2002 4 . 4 . 0

RP-16 4 . 5 . 0

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TS 25.401 UTRAN Overall Description

Rel-4 *current version:* 4.4.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)

*G:* U: yes *MCC:* TAYLOR, Carolyn

*history (event, available, version,*

RP-11 06/04/2001 4 . 0 . 0

RP-12 06/07/2001 4 . 1 . 0

RP-13 12/10/2001 4 . 2 . 0

RP-15 02/04/2002 4 . 3 . 0

RP-16 4 . 4 . 0

[get it](#) *remarks - general:* Approval at TSG#5

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

[get it](#)

[get it](#)

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## TS 25.402 Synchronisation in UTRAN Stage 2

Rel-4 *current version:* 4.5.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* PIOLINI, Flavio SIEMENS Information and Communication Networks

*G:* U: yes *MCC:* TAYLOR, Carolyn SpA

*history (event, available, version,*

RP-11 06/04/2001 4 . 0 . 0

RP-12 06/07/2001 4 . 1 . 0

RP-13 12/10/2001 4 . 2 . 0

RP-14 11/01/2002 4 . 3 . 0

RP-15 02/04/2002 4 . 4 . 0

RP-16 4 . 5 . 0

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

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

[get it](#)

[get it](#)

[get it](#)

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

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<b>TS 25.410</b>	<b>UTRAN Iu Interface: General Aspects and Principles</b>					
Rel-4	current version: 4.4.0	WG (prime / other): R3 / -	rapporteur: TOWNEND, Richard	mmO2 plc		
	freeze_meeting: SP-11	G: U: yes	MCC: TAYLOR, Carolyn			
	history (event, available, version,					
	RP-11 06/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general: Approval at TSG#5			
	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-16 4 . 4 . 0					
<b>TS 25.411</b>	<b>UTRAN Iu interface layer 1</b>					
Rel-4	current version: 4.1.0	WG (prime / other): R3 / -	rapporteur: BRANDT, Achim V.	SIEMENS AG		
	freeze_meeting: SP-11	G: U: yes	MCC: TAYLOR, Carolyn			
	history (event, available, version,					
	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:			
<b>TS 25.412</b>	<b>UTRAN Iu interface signalling transport</b>					
Rel-4	current version: 4.0.0	WG (prime / other): R3 / -	rapporteur: THAKARE, Kiran	RadioScape Limited		
	freeze_meeting: SP-11	G: U: yes	MCC: TAYLOR, Carolyn			
	history (event, available, version,					
	RP-11 06/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<b>TS 25.413</b>	<b>UTRAN Iu interface RANAP signalling</b>					
Rel-4	current version: 4.5.0	WG (prime / other): R3 / -	rapporteur: JUSSILA, Jyrki	NOKIA Corporation		
	freeze_meeting: SP-11	G: U: yes	MCC: TAYLOR, Carolyn			
	history (event, available, version,					
	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 14/01/2002 4 . 3 . 0	<a href="#">get it</a>				
	RP-15 02/04/2002 4 . 4 . 0	<a href="#">get it</a>				
	RP-16 4 . 5 . 0					

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

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## TS 25.414 UTRAN lu interface data transport & transport signalling

Rel-4 *current version:* 4.4.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* COMSTOCK, David  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn Telefon AB LM Ericsson

*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0  
RP-13 12/10/2001 4 . 1 . 0  
RP-14 14/01/2002 4 . 2 . 0  
RP-15 02/04/2002 4 . 3 . 0  
RP-16 4 . 4 . 0

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

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## TS 25.415 UTRAN lu interface user plane protocols

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* MAUPIN, Alain  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn Telefon AB LM Ericsson

*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0  
RP-12 06/07/2001 4 . 1 . 0  
RP-13 12/10/2001 4 . 2 . 0  
RP-14 14/01/2002 4 . 3 . 0  
RP-15 25/03/2002 4 . 4 . 0  
RP-16 4 . 5 . 0

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

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## TS 25.419 UTRAN lu-BC interface: Service Area Broadcast Protocol (SABP)

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* TAYLOR, Carolyn  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn Motorola Ltd

*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0  
RP-12 06/07/2001 4 . 1 . 0  
RP-13 12/10/2001 4 . 2 . 0  
RP-14 11/01/2002 4 . 3 . 0  
RP-15 25/03/2002 4 . 4 . 0  
RP-16 4 . 5 . 0

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

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

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**TS 25.420 UTRAN lur Interface: General Aspects and Principles**

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0  
RP-14 11/01/2002 4 . 1 . 0  
RP-15 02/04/2002 4 . 2 . 0

*WG (prime / other):* R3 / - *rapporteur:* THAKARE, Kiran  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn

RadioScape Limited

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

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**TS 25.421 UTRAN lur interface Layer 1**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0

*WG (prime / other):* R3 / - *rapporteur:* BRANDT, Achim V.  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn

SIEMENS AG

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

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**TS 25.422 UTRAN lur interface signalling transport**

Rel-4 *current version:* 4.1.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0  
RP-14 11/01/2002 4 . 1 . 0  
edito post RP-14 02/04/2002 4 . 1 . 1

*WG (prime / other):* R3 / - *rapporteur:* THAKARE, Kiran  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn

RadioScape Limited

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

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**TS 25.423 UTRAN lur interface RNSAP signalling**

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0  
RP-12 06/07/2001 4 . 1 . 0  
RP-13 12/10/2001 4 . 2 . 0  
RP-14 11/01/2002 4 . 3 . 0  
RP-15 02/04/2002 4 . 4 . 0  
RP-16 4 . 5 . 0

*WG (prime / other):* R3 / - *rapporteur:* RUNE, Göran  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn

Ericsson AB

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

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

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Server ACTIVE specs Rel-4 25 .- series  
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<b>TS 25.424</b>	<b>UTRAN Iur 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:			<i>MCC:</i>	TAYLOR, Carolyn			
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-14 11/01/2002	4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>			
	RP-15 02/04/2002	4 . 2 . 0			<a href="#">get it</a>				
	RP-16	4 . 3 . 0							

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<b>TS 25.425</b>	<b>UTRAN Iur 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:			<i>MCC:</i>	TAYLOR, Carolyn			
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-13 12/10/2001	4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>			
	RP-14 11/01/2002	4 . 2 . 0			<a href="#">get it</a>				
	RP-15 02/04/2002	4 . 3 . 0			<a href="#">get it</a>				

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<b>TS 25.426</b>	<b>UTRAN Iur and Iub interface data transport &amp; transport signalling for DCH data streams</b>								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	KEKKI, Sami	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G:			<i>MCC:</i>	TAYLOR, Carolyn			
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-14 11/01/2002	4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>			
	RP-15 02/04/2002	4 . 2 . 0			<a href="#">get it</a>				
	RP-16	4 . 3 . 0							

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<b>TS 25.427</b>	<b>UTRAN Iur and Iub interface user plane protocols for DCH data streams</b>								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND		
	<i>freeze_meeting:</i> SP-11	G:			<i>MCC:</i>	TAYLOR, Carolyn			
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-12 06/07/2001	4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>			
	RP-13 12/10/2001	4 . 2 . 0			<a href="#">get it</a>				
	RP-14 11/01/2002	4 . 3 . 0			<a href="#">get it</a>				

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



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

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0  
RP-12 06/07/2001 4 . 1 . 0  
RP-14 11/01/2002 4 . 2 . 0  
RP-16 4 . 3 . 0

*WG (prime / other):* R3 / - *rapporteur:* WILSON, Mick  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

FUJITSU Laboratories of Europe Limited

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## TS 25.431 UTRAN lub interface Layer 1

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0

*WG (prime / other):* R3 / - *rapporteur:* BRANDT, Achim V.  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn  
[get it](#) *remarks - general:*  
*remarks - this release:*

SIEMENS AG

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## TS 25.432 UTRAN lub interface: signalling transport

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0

*WG (prime / other):* R3 / - *rapporteur:* WILSON, Mick  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn  
[get it](#) *remarks - general:*  
*remarks - this release:*

FUJITSU Laboratories of Europe Limited

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## TS 25.433 UTRAN lub interface NBAP signalling

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0  
RP-12 06/07/2001 4 . 1 . 0  
RP-13 12/10/2001 4 . 2 . 0  
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 4 . 5 . 0

*WG (prime / other):* R3 / - *rapporteur:* ISHIKAWA, Nobutaka  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)

NTT DoCoMo Inc

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

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Server ACTIVE specs Rel-4 25 .- series  
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<b>TS 25.434</b>	<b>UTRAN lub interface data transport &amp; transport signalling for CCH data streams</b>					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	ALDEN, Magnus	Telia Research AB
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	TAYLOR, Carolyn	
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-12 06/07/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	RP-14 11/01/2002	4 . 2 . 0		<a href="#">get it</a>		
	RP-15 02/04/2002	4 . 3 . 0		<a href="#">get it</a>		
	RP-16	4 . 4 . 0				

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<b>TS 25.435</b>	<b>UTRAN lub interface user plane protocols for CCH data streams</b>					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	TAYLOR, Carolyn	
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-12 06/07/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	RP-13 12/10/2001	4 . 2 . 0		<a href="#">get it</a>		
	RP-14 11/01/2002	4 . 3 . 0		<a href="#">get it</a>		
	RP-15 02/04/2002	4 . 4 . 0		<a href="#">get it</a>		

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<b>TS 25.442</b>	<b>UTRAN implementation-specific O&amp;M transport</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	RECKER, Stephan	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	TAYLOR, Carolyn	
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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<b>TR 25.832</b>	<b>Manifestations of Handover and SRNS relocation</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	TOWNEND, Richard	mmO2 plc
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	TAYLOR, Carolyn	
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	RP-15: No upgrade to Rel-5.

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

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**TR 25.834 UTRA TDD low chip rate option; Radio protocol aspects**

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
Start of work 01/07/2000 0 . 0 . 0  
draft 15/07/2000 0 . 0 . 1  
draft 01/08/2000 0 . 1 . 0  
RP-09 01/10/2000 1 . 0 . 0  
RP-10 20/12/2000 4 . 0 . 0  
RP-11 27/03/2001 4 . 1 . 0

*WG (prime / other):* R2 / - *rapporteur:* LIU, YanHui CATT  
*G:* *U:* yes *MCC:* VAN DER VEEN, Hans

[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](#)

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**TR 25.836 Node B synchronization for TDD**

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-10 12/01/2001 4 . 0 . 0  
RP-11 05/04/2001 4 . 1 . 0

*WG (prime / other):* R1 / - *rapporteur:* OESTREICH, Stefan SIEMENS AG  
*G:* *U:* yes *MCC:* IKEDA, Shinobu

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.

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**TR 25.837 Hybrid ARQ Type II/III (lub/lur aspects)**

Rel-4 *current version:* 0.1.0 DRAFT  
*freeze\_meeting:*  
*history (event, available, version,*  
RP-09 21/09/2000 0 . 1 . 0

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

[get it](#) *remarks - general:*  
*remarks - this release:* RP-15: No upgrade to Rel-5.

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**TR 25.838 Node B Synchronisation for TDD (lub/lur aspects)**

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
draft 15/07/2000 0 . 0 . 1  
RP-09 21/09/2000 0 . 1 . 0  
RP-10 21/12/2000 0 . 1 . 1  
RP-11 06/04/2001 4 . 0 . 0  
RP-14 11/01/2002 4 . 1 . 0

*WG (prime / other):* R3 / - *rapporteur:* LENHART, Johannes SIEMENS AG  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.  
[get it](#)  
[get it](#)

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<b>TR 25.839</b>	<b>Uplink Synchronous Transmission Scheme (USTS) (Iur/Iub aspects)</b>						
Rel-4	current version: 0.3.0	DRAFT	WG (prime / other): R3 / -	rapporteur: PARK, Jin Hyo	SK TELECOM		
	freeze_meeting:		G: U: yes	MCC: TAYLOR, Carolyn			
	history (event, available, version,						
	draft 15/08/2000	0 . 0 . 1	<a href="#">get it</a>	remarks - general:			
	RP-10 21/09/2000	0 . 1 . 0	<a href="#">get it</a>	remarks - this release:	RP-15: No upgrade to Rel-5.		
	RP-12 05/07/2001	0 . 2 . 0	<a href="#">get it</a>				
	RAN3 approved 01/10/2001	0 . 3 . 0	<a href="#">get it</a>				
							referred to at RP-13.
<b>TR 25.840</b>	<b>Terminal power saving features</b>						
Rel-4	current version: 2.3.0	DRAFT	WG (prime / other): R1 / -	rapporteur: LEE, Ju Ho	Samsung Electronics Ind. Co., Ltd.		
	freeze_meeting: SP-11		G: U: yes	MCC: IKEDA, Shinobu			
	history (event, available, version,						
	RP-09 28/09/2000	1 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	RP-10 12/01/2001	2 . 0 . 0	<a href="#">get it</a>	remarks - this release:	RP-15: Not to be promoted to Rel-5.		
	RP-11 05/04/2001	2 . 3 . 0	<a href="#">get it</a>				
<b>TR 25.841</b>	<b>DSCH power control improvement in soft handover</b>						
Rel-4	current version: 4.1.0		WG (prime / other): R1 / -	rapporteur: TOSKALA, Antti	NOKIA Corporation		
	freeze_meeting: SP-11		G: U: yes	MCC: IKEDA, Shinobu			
	history (event, available, version,						
	RP-09 28/09/2000	1 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	RP-10 12/01/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - this release:	RP-15: Not to be promoted to Rel-5.		
	RP-11 04/04/2001	4 . 1 . 0	<a href="#">get it</a>				
<b>TR 25.842</b>	<b>Smart antenna</b>						
Rel-4	current version: 1.0.0	DRAFT	WG (prime / other): R1 / -	rapporteur: HU, Jinling	CATT		
	freeze_meeting:		G: U: yes	MCC: IKEDA, Shinobu			
	history (event, available, version,						
	RP-09 12/01/2001	1 . 0 . 0	<a href="#">get it</a>	remarks - general:			
				remarks - this release:	.RP-15: Not to be promoted to Rel-5.		
<b>TR 25.843</b>	<b>1,28 Mcps TDD UE Radio Access Capabilities</b>						
Rel-4	current version: 4.1.0		WG (prime / other): R2 / -	rapporteur: ZHU, Yifei	CATT		
	freeze_meeting: SP-11		G: U: yes	MCC: VAN DER VEEN, Hans			
	history (event, available, version,						
	RP-10 20/12/2000	4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	RP-11 27/03/2001	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:	RP-15: Not to be promoted to Rel-5.		

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## TR 25.844 Radio access bearer support enhancements

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11

*history (event, available, version,*  
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 4 . 2 . 0

*WG (prime / other):* R2 / - *rapporteur:* KRISHNARAJAH, Ericsson AB  
Ainkaran  
*G:* *U:* yes *MCC:* VAN DER VEEN, Hans

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.  
[get it](#)

## TR 25.845 FDD RACH and AICH performance requirements

Rel-4 *current version:* 0.0.3 DRAFT  
*freeze\_meeting:* tbd

*history (event, available, version,*  
draft 20/12/2000 0 . 0 . 2  
draft 14/05/2001 0 . 0 . 3

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.

## TR 25.847 UE positioning enhancements

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*history (event, available, version,*  
draft 10/11/2000 0 . 1 . 0  
RP-10 20/12/2000 1 . 0 . 0  
RP-11 27/03/2001 4 . 0 . 0

*WG (prime / other):* R2 / *rapporteur:* BECKMANN, Mark SIEMENS AG  
*G:* *U:* yes *MCC:* VAN DER VEEN, Hans

[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

*history (event, available, version,*  
RP-11 05/04/2001 4 . 0 . 0

*WG (prime / other):* R1 / *rapporteur:* IKEDA, Shinobu ETSI Secretariat  
*G:* *U:* yes *MCC:* IKEDA, Shinobu

[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

*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0

*WG (prime / other):* R3 / - *rapporteur:* WOONHEE, Hwang NOKIA Corporation  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn

[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

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<b>TR 25.850</b>	<b>UE positioning in UTRAN lub/lur protocol aspects</b>								
Rel-4	<i>current version:</i> 4.3.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HAUTALA, Jari				NOKIA Corporation
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>								
	RP-10 21/12/2000	0 . 0 . 2	RP-000658	<a href="#">get it</a>	<i>remarks - general:</i>				
	draft 21/12/2000	0 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.				
	RP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>					
	RP-12 06/07/2001	4 . 1 . 0		<a href="#">get it</a>					
	RP-13 12/10/2001	4 . 2 . 0		<a href="#">get it</a>					
	RP-14 11/01/2002	4 . 3 . 0		<a href="#">get it</a>					
<b>TR 25.851</b>	<b>RAB Quality of Service Renegotiation over lu</b>								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> IRWIN, Sania				MOTOROLA GmbH
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>								
	RP-10 21/12/2000	0 . 0 . 2	RP-000660	<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.				
<b>TR 25.852</b>	<b>Radio access bearer support enhancements for the lu</b>								
Rel-4	<i>current version:</i> 0.0.0		DRAFT	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> DIESEN, Michael				MOTOROLA Ltd
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	0 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.				
<b>TR 25.853</b>	<b>Delay budget within the access stratum</b>								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DELL'ACQUA, Massimo				SIEMENS Information and Communication Networks SpA
	<i>freeze_meeting:</i> RP-11			<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Was 25.932. Approved and renumbered at TSG#10.				
					<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.				

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R2 / - *rapporteur:* KALLA, Gairn NOKIA UK Ltd  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* VAN DER VEEN, Hans  
*history (event, available, version,*  
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 02/10/2001 4 . 2 . 0 [get it](#)  
RP-14 04/01/2002 4 . 3 . 0 [get it](#)  
RP-15 19/03/2002 4 . 4 . 0 [get it](#)

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**TR 25.922 Radio Resource Management Strategies**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R2 / - *rapporteur:* BULDORINI, Andrea Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* VAN DER VEEN, Hans  
*history (event, available, version,*  
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-13 02/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-15 19/03/2002 4 . 2 . 0 [get it](#)

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**TR 25.928 1,28 Mcps functionality for UTRA TDD physical layer**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* R1 / - *rapporteur:* AKSENTIJEVIC, Mirko NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* IKEDA, Shinobu  
*history (event, available, version,*  
RP-07 0 . 0 . 2 RP-000091 *remarks - general:* Created R1#10, Jan 99.  
RP-07 15/03/2000 0 . 0 . 3 RP-000158 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.  
RP-08 0 . 2 . 0  
RP-08 23/06/2000 1 . 0 . 0 [get it](#)  
RP-09 11/01/2001 1 . 1 . 0 [get it](#)  
RP-11 06/04/2001 4 . 0 . 0 [get it](#)  
edito 10/04/2001 4 . 0 . 1 [get it](#)

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<b>TR 25.931</b>	<b>UTRAN Functions, examples on signalling procedures</b>				
Rel-4	<i>current version:</i> 4.4.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CASALINO, Francesco	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-07		G: U: yes	<i>MCC:</i> TAYLOR, Carolyn	
	<i>history (event, available, version,</i>				
	RP-11 30/03/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-12 05/07/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	RP-14 11/01/2002	4 . 2 . 0	<a href="#">get it</a>		
	RP-15 02/04/2002	4 . 3 . 0	<a href="#">get it</a>		
	RP-16	4 . 4 . 0			
<b>TR 25.934</b>	<b>AAL2 QoS optimization</b>				
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> YOSHIMURA, Takayuki	J-Phone Co., Ltd.
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> TAYLOR, Carolyn	
	<i>history (event, available, version,</i>				
	draft 25/04/2000	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	draft 16/05/2000	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.	
	RP-09 28/09/2000	0 . 2 . 0	<a href="#">get it</a>		
	RP-10 21/12/2000	0 . 2 . 1	<a href="#">get it</a>		RP-000646
	RP-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>		
<b>TR 25.935</b>	<b>RRM optimisation</b>				
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VAN LIESHOUT, Gert-Jan	ERICSSON EUROLAB NETHERLANDS BV
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> TAYLOR, Carolyn	
	<i>history (event, available, version,</i>				
	Start of work 01/08/2000	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	draft 15/07/2000	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.	
	R3-15 15/08/2000	0 . 1 . 0	<a href="#">get it</a>		
	RP-10 21/12/2000	0 . 1 . 1	<a href="#">get it</a>		
	draft 16/10/2000	1 . 0 . 0	<a href="#">get it</a>		
	RP-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>		
	RP-15 25/03/2002	4 . 1 . 0	<a href="#">get it</a>		

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**TR 25.936 Handover for realtime services from PS-domain**

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* MOUSSET, Claire NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn

*history (event, available, version,*  
Start of work 01/07/2000 0 . 0 . 0  
draft 15/07/2000 0 . 0 . 1  
R3-15 01/09/2000 0 . 1 . 0  
RP-10 21/12/2000 0 . 3 . 0  
RP-11 06/04/2001 4 . 0 . 0  
formatting 09/01/2002 4 . 0 . 1  
corrections

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.  
[get it](#)  
[get it](#)  
[get it](#)

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**TR 25.937 UTRAN TDD low chiprate**

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* XU, Bing HuaWei Technologies Co., Ltd  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn

*history (event, available, version,*  
draft 01/08/2000 0 . 0 . 0  
draft 15/08/2000 0 . 0 . 1  
R3-15 30/08/2000 0 . 1 . 0  
RP-10 21/12/2000 0 . 3 . 1 RP-000686  
RP-11 06/04/2001 4 . 0 . 0  
RP-13 12/10/2001 4 . 1 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.  
[get it](#)  
[get it](#)  
[get it](#)

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**TR 25.942 RF system scenarios**

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-12

*WG (prime / other):* R4 / - *rapporteur:* BENABDALLAH, Nadia OMNITEL Pronto Italia SpA  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version,*  
RP-11 10/10/2001 4 . 0 . 0 expected post RP-12  
RP-14 14/01/2002 4 . 1 . 0  
RP-16 4 . 2 . 0

[get it](#) *remarks - general:* Additional rapporteur = A.De Pasquale.  
[get it](#) *remarks - this release:*

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<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			<i>G:</i>	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</i>			<i>U: yes</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					
	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	4 . 2 . 0					
<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	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11			<i>G:</i>	<i>MCC:</i> IKEDA, Shinobu		
	<i>history (event, available, version,</i>			<i>U: yes</i>			
	RP-11 06/04/2001	4 . 0 . 0					<i>remarks - general:</i> Created Jan 2000 (aka R1.04)
	edito 10/04/2001	4 . 0 . 1					<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>
<hr/>							
<b>TR 25.945</b>	<b>RF requirements for low chip rate TDD option</b>						
Rel-4	<i>current version:</i> 4.1.1			<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> ZHANG, Daijun	CATT	
	<i>freeze_meeting:</i> SP-11			<i>G:</i>	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</i>			<i>U: yes</i>			
	RP-09	0 . 3 . 0					<i>remarks - general:</i>
	RP-10 21/12/2000	2 . 0 . 0	RP-000678				<i>remarks - this release:</i>
	RP-11 28/05/2001	4 . 0 . 0	Cosmetically too nasty to publish as ETSI TR (TS??)				<a href="#">get it</a>
	RP-13 10/10/2001	4 . 1 . 0					<a href="#">get it</a>
	fix layout prob 10/10/2001	4 . 1 . 1					<a href="#">get it</a>

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<b>TR 25.946</b>	<b>RAB Quality of Service Negotiation over Lu</b>						
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> MOLANDER, Anders	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> TAYLOR, Carolyn			
	<i>history (event, available, version,</i>						
	draft 15/08/2000	0 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i>		
	R3-15 30/08/2000	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	RP-000656	<a href="#">get it</a>			
	RP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>			

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<b>TR 25.950</b>	<b>UTRA high speed downlink packet access</b>						
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans			
	<i>history (event, available, version,</i>						
	draft 07/11/2000	0 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	RP-11 27/03/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.		

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<b>TR 25.953</b>	<b>TrFO/TFO</b>						
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> TAYLOR, Carolyn			
	<i>history (event, available, version,</i>						
	RP-10 21/12/2000	0 . 0 . 3	RP-000664	<a href="#">get it</a>	<i>remarks - general:</i>		
	RP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.		

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<b>TR 25.954</b>	<b>Migration to modification procedure</b>						
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> YOSHIMURA, Takayuki	J-Phone Co., Ltd.		
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> TAYLOR, Carolyn			
	<i>history (event, available, version,</i>						
	RP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
					<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.		

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<b>TR 25.956</b>	<b>UTRA repeater: Planning guidelines and system analysis</b>						
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> GARCIA LOPEZ, Lorena	TELEFONICA DE ESPAÑA SA		
	<i>freeze_meeting:</i> RP-11		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version,</i>						
	RP-11 10/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		

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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 26.071</b>	<b>AMR speech Codec; General description</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		<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i>				
<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		<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a> <i>remarks - general:</i>				
	SP-14 09/01/2002 4 . 1 . 0				<a href="#">get it</a> <i>remarks - this release:</i>				
<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		<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4				
	corected tests 04/07/2001 4 . 0 . 1				<a href="#">get it</a> <i>remarks - this release:</i>				
<b>TS 26.077</b>	<b>Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder</b>								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		ETSI Secretariat			
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a> <i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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<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: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 07/04/2001 4 . 0 . 0			<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i>		
<hr/>						
<b>TS 26.091</b>	<b>AMR speech Codec; Error concealment of lost frames</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i>		
<hr/>						
<b>TS 26.092</b>	<b>AMR speech Codec; comfort noise for AMR Speech Traffic Channels</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i>		
<hr/>						
<b>TS 26.093</b>	<b>AMR speech Codec; Source Controlled Rate operation</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-10 21/12/2000 4 . 0 . 0			<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i>		
<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		ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a> <i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i>		

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<b>TS 26.101</b>	<b>Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-12 27/06/2001 4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	
	SP-15 28/03/2002 4 . 2 . 0			<a href="#">get it</a>		
<hr/>						
<b>TS 26.102</b>	<b>AMR speech Codec; Interface to Iu and Uu</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
<b>TS 26.103</b>	<b>Speech codec list for GSM and UMTS</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLWIG, Karl		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
	SP-10 21/12/2000 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5	
	SP-11 10/04/2001 4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	
	SP-14 09/01/2002 4 . 2 . 0			<a href="#">get it</a>		
	SP-16 4 . 3 . 0					
<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> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
	SP-10 21/12/2000 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-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>		

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<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:	U: yes	<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</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:	U: yes	<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001		4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> CR at TSG#5		
					<i>remarks - this release:</i>		
<hr/>							
<b>TS 26.115</b>	<b>Echo control for speech and multi-media services</b>						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001		4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
					<i>remarks - this release:</i> 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> 4.1.0	<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,</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>		
<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> 4.2.0	<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,</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>			

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## TS 26.233 End-to-end transparent streaming service; General description

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
draft 02/11/2000 0 . 1 . 0 [get it](#) *remarks - general:*  
SP-10 21/12/2000 1 . 0 . 0 [get it](#) *remarks - this release:*  
SP-11 10/04/2001 4 . 0 . 0 [get it](#)  
SP-14 09/01/2002 4 . 1 . 0 [get it](#)  
SP-15 28/03/2002 4 . 2 . 0 [get it](#)

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## TS 26.234 End-to-end transparent streaming service; Protocols and codecs

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S4 / - *rapporteur:* NOHLGREN, Anders Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
draft 19/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*  
draft 26/10/2000 0 . 0 . 2 [get it](#) *remarks - this release:*  
draft 02/11/2000 0 . 0 . 3 [get it](#)  
SP-10 21/12/2000 1 . 0 . 0 SP-000566 [get it](#)  
SP-11 10/04/2001 4 . 0 . 0 [get it](#)  
SP-13 02/10/2001 4 . 1 . 0 [get it](#)  
SP-14 09/01/2002 4 . 2 . 0 [get it](#)  
SP-15 28/03/2002 4 . 3 . 0 [get it](#)  
SP-16 4 . 4 . 0

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## TR 26.901 AMR wideband speech codec; Feasibility study report

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* OHANA, Alain Cingular Wireless LLC  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-07 17/03/2000 2 . 0 . 0 [get it](#) *remarks - general:*  
SP-07 17/03/2000 4 . 0 . 0 [get it](#) *remarks - this release:*  
edito 26/04/2000 4 . 0 . 1 [get it](#)

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## TR 26.911 Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* HAAVISTO, Petri Nokia Research Center  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-10 21/12/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
SP-11 10/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

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**TR 26.912**    **Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G**  
Rel-4    *current version:* 4.0.0    *WG (prime / other):* S4 / -    *rapporteur:* FRANCESCHI, Olle    Nippon Ericsson K.K.  
         *freeze\_meeting:* SP-11    *G:* yes    *U:* yes    *MCC:* USAI, Paolino  
*history (event, available, version,*  
         SP-11 10/04/2001 4 . 0 . 0    [get it](#)    *remarks - general:*  
   *remarks - this release:*

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**TR 26.975**    **Performance characterization of the Adaptive Multi-Rate (AMR) speech codec**  
Rel-4    *current version:* 4.1.0    *WG (prime / other):* S4 / -    *rapporteur:* EKUDDEN, Erik    Telefon AB LM Ericsson  
         *freeze\_meeting:* SP-11    *G:* yes    *U:* yes    *MCC:* USAI, Paolino  
*history (event, available, version,*  
         SP-11 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:*

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**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    ETSI Secretariat  
         *freeze\_meeting:* SP-11    *G:* yes    *U:* yes    *MCC:* USAI, Paolino  
*history (event, available, version,*  
         SP-11 10/04/2001 4 . 0 . 0    [get it](#)    *remarks - general:* Replaces 26.078  
   *remarks - this release:* Replaces 26.078

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Rel-4    **27** .- series    Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
NP-08 28/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-09 23/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-10 04/01/2001 4 . 2 . 0 [get it](#)  
NP-11 05/04/2001 4 . 3 . 0 [get it](#)  
NP-12 04/07/2001 4 . 4 . 0 [get it](#)  
NP-13 10/10/2001 4 . 5 . 0 [get it](#)  
NP-14 11/01/2002 4 . 6 . 0 [get it](#)  
NP-15 20/03/2002 4 . 7 . 0 [get it](#)

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## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
<to be defined> 12/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
NP-10 22/12/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-11 02/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

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## TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

Rel-4 *current version:* 4.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
TP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
TP-13 04/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
TP-15 4 . 2 . 0

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

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<b>TS 27.007</b>	<b>AT command set for 3G User Equipment (UE)</b>								
Rel-4	current version: 4.4.0	WG (prime / other):	T2 / -	rapporteur:	VACANT,				
	freeze_meeting: SP-11	G: yes U: yes		MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-09 11/10/2000	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	TP-11 11/04/2001	4 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
	TP-12 04/07/2001	4 . 2 . 0		<a href="#">get it</a>					
	TP-14 15/01/2002	4 . 3 . 0		<a href="#">get it</a>					
	TP-15 04/04/2002	4 . 4 . 0		<a href="#">get it</a>					

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<b>TS 27.010</b>	<b>Terminal Equipment to User Equipment (TE-UE) multiplexer protocol</b>								
Rel-4	current version: 4.2.0	WG (prime / other):	T2 / -	rapporteur:	BROOK, Richard	SAMSUNG Electronics Research Institute			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	TP-13 04/10/2001	4 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
	TP-15 25/03/2002	4 . 2 . 0		<a href="#">get it</a>					

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<b>TS 27.060</b>	<b>Packet domain; Mobile Station (MS) supporting Packet Switched services</b>								
Rel-4	current version: 4.1.0	WG (prime / other):	N3 / -	rapporteur:	WILD, Johanna	MOTOROLA Ltd			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	NP-11 06/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general: GPRS				
	NP-16	4 . 1 . 0			remarks - this release:				

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<b>TS 27.103</b>	<b>Wide Area Network Synchronization</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	T2 / -	rapporteur:	LOCKHART, Rob	Motorola Inc.			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-11 02/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release:				

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<b>TR 27.901</b>	<b>Report on Terminal Interfaces - An Overview</b>								
Rel-4	current version: 4.1.0	WG (prime / other):	T2 / -	rapporteur:	REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB			
	freeze_meeting: SP-11	G: U: yes		MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-11 02/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	TP-15 26/03/2002	4 . 1 . 0		<a href="#">get it</a>	remarks - this release:				

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## TR 27.903 Discussion of synchronization standards

Rel-4 *current version:* 4.0.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

TP-11 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:* 4.4.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

SP-05 13/10/1999 0 . 0 . 0

SP-09 18/10/2000 0 . 0 . 3

SP-10 21/12/2000 1 . 0 . 0 NP-000568

draft 08/02/2001 1 . 1 . 0

SP-11 10/04/2001 4 . 0 . 0

SP-12 27/06/2001 4 . 1 . 0

edito 01/10/2001 4 . 1 . 1

SP-14 09/01/2002 4 . 2 . 0

SP-15 28/03/2002 4 . 3 . 0

SP-16 4 . 4 . 0

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

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

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

*remarks - this release:* TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.

Rel-4 29 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.002 Mobile Application Part (MAP) specification

Rel-4 *current version:* 4.8.0 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald SIEMENS AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-08	23/06/2000	4	.	0	.	0	<a href="#">get it</a>	<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		4	.	8	.	0		

## TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version,*

NP-09	12/10/2000	4	.	0	.	0	<a href="#">get it</a>	<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		4	.	4	.	0		

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

Rel-4 *current version:* Procedures and the Mobile Application Part (MAP) 4.3.0WG *(prime / other):* N4 / - *rapporteur:* VACANT,

*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-11	30/03/2001	4	.	0	.	0	<a href="#">get it</a>	<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		4	.	3	.	0		

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**TS 29.011 Signalling Interworking for Supplementary Services**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0

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

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

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**TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0

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

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

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**TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification**

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 06/04/2001 4 . 0 . 0  
NP-16 4 . 1 . 0

*WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc  
*G: yes U: yes* *MCC:* JORGENSEN, Per Johan

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

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

Rel-4 *current version:* 4.4.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 06/04/2001 4 . 0 . 0  
NP-13 03/10/2001 4 . 1 . 0  
NP-14 04/01/2002 4 . 2 . 0  
NP-15 19/03/2002 4 . 3 . 0  
NP-16 4 . 4 . 0

*WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc  
*G: yes U: yes* *MCC:* JORGENSEN, Per Johan

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

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<b>TS 29.060</b>	<b>General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface</b>				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> YOUNG, Michael	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-11 30/03/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	NP-12 04/07/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	NP-13 03/10/2001	4 . 2 . 0	<a href="#">get it</a>		
	NP-14 11/01/2002	4 . 3 . 0	<a href="#">get it</a>		
	NP-15 28/03/2002	4 . 4 . 0	<a href="#">get it</a>		

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<b>TS 29.061</b>	<b>Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)</b>				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	NP-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Former title: "General Packet Radio Service (GPRS); Interworking between the
	NP-12 28/06/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	Public Land Mobile Network (PLMN) supporting GPRS and Packet".
	NP-13 12/10/2001	4 . 2 . 0	<a href="#">get it</a>		
	NP-14 14/01/2002	4 . 3 . 0	<a href="#">get it</a>		
	NP-15 20/03/2002	4 . 4 . 0	<a href="#">get it</a>		
	NP-16	4 . 5 . 0			

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<b>TS 29.078</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification</b>				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version,</i>				
	NP-11 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	4 . 5 . 0			

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<b>TS 29.108</b>	<b>Application of the Radio Access Network Application Part (RANAP) on the E-interface</b>								
Rel-4	current version: 4.2.0	WG (prime / other): R3 / -	rapporteur: VESELY, Alexander	SIEMENS AG					
	freeze_meeting: SP-11	G: U: yes	MCC: TAYLOR, Carolyn						
history (event, available, version,									
	RP-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	TSG#8:Appeared as v2.0.0 (RP-000258)				
	RP-13 12/10/2001	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:					
	RP-16	4 . 2 . 0							
<hr/>									
<b>TS 29.119</b>	<b>GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)</b>								
Rel-4	current version: 4.0.0	WG (prime / other): N4 / -	rapporteur: AIKAWA, Shinichiro	Fujitsu Limited					
	freeze_meeting: SP-11	G: U: yes	MCC: KYMALAINEN, Kimmo						
history (event, available, version,									
	NP-11 04/04/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	New after TSG#5				
				remarks - this release:					
<hr/>									
<b>TS 29.120</b>	<b>Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3</b>								
Rel-4	current version: 4.0.0	WG (prime / other): N4 / -	rapporteur: MITAMURA, Kazuo	NTT COMWARE Corporation					
	freeze_meeting: SP-11	G: U: yes	MCC: KYMALAINEN, Kimmo						
history (event, available, version,									
	NP-09 25/10/2000	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	New after TSG#5				
				remarks - this release:					
<hr/>									
<b>TS 29.198-01</b>	<b>Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview</b>								
Rel-4	current version: 4.3.1	WG (prime / other): N5 /	rapporteur: MOERDIJK, Ard-Jan	Telefon AB LM Ericsson					
	freeze_meeting: NP-11	G: U: yes	MCC: ZOICAS, Adrian						
history (event, available, version,									
	NP-11 27/03/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:					
	NP-12 29/06/2001	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:					
	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>						
	edito 20/03/2002	4 . 3 . 1	<a href="#">get it</a>						

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



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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* MOERDIJK, Ard-Jan Telefon AB LM Ericsson  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-13 08/10/2001 4 . 2 . 0 [get it](#)  
NP-14 08/01/2002 4 . 3 . 0 [get it](#)  
NP-15 20/03/2002 4 . 4 . 0 [get it](#)

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* BENNETT, Andy Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-13 08/10/2001 4 . 2 . 0 [get it](#)  
NP-14 08/01/2002 4 . 3 . 0 [get it](#)  
NP-15 20/03/2002 4 . 4 . 0 [get it](#)  
NP-16 4 . 5 . 0

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## TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
NP-11 1 . 0 . 0 *remarks - general:*  
edito 27/03/2001 1 . 0 . 1 [get it](#) *remarks - this release:*  
NP-12 2 . 0 . 0  
NP-12 29/06/2001 4 . 0 . 0 [get it](#)  
NP-13 12/10/2001 4 . 1 . 0 [get it](#)  
NP-14 08/01/2002 4 . 2 . 0 [get it](#)  
NP-15 20/03/2002 4 . 3 . 0 [get it](#)  
NP-16 4 . 4 . 0

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* MCQUILLAN, Laura LOGICA ALDISCON  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-13 08/10/2001 4 . 2 . 0 [get it](#)  
NP-14 08/01/2002 4 . 3 . 0 [get it](#)  
NP-15 20/03/2002 4 . 4 . 0 [get it](#)

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* TWEEDIE, David NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
IDL file corrected 12/07/2001 4 . 1 . 1 [get it](#)  
NP-13 08/10/2001 4 . 2 . 0 [get it](#)  
edito 12/10/2001 4 . 2 . 1 [get it](#)  
NP-14 08/01/2002 4 . 3 . 0 [get it](#)  
NP-15 20/03/2002 4 . 4 . 0 [get it](#)

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* SAARENPA, Matti NOKIA Corporation  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-13 08/10/2001 4 . 2 . 0 [get it](#)  
NP-14 08/01/2002 4 . 3 . 0 [get it](#)  
NP-15 20/03/2002 4 . 4 . 0 [get it](#)

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

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-13 08/10/2001 4 . 2 . 0 [get it](#)  
NP-14 08/01/2002 4 . 3 . 0 [get it](#)  
NP-15 20/03/2002 4 . 4 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen Telefon AB LM Ericsson  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-11 1 . 0 . 0 *remarks - general:*  
edito 27/03/2001 1 . 0 . 1 [get it](#) *remarks - this release:*  
NP-12 29/06/2001 4 . 0 . 0 [get it](#)  
NP-13 08/10/2001 4 . 1 . 0 [get it](#)  
NP-14 08/01/2002 4 . 2 . 0 [get it](#)  
NP-15 20/03/2002 4 . 3 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen Telefon AB LM Ericsson  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-11 1 . 0 . 0 *remarks - general:*  
edito 27/03/2001 1 . 0 . 1 [get it](#) *remarks - this release:*  
NP-12 2 . 0 . 0  
NP-12 29/06/2001 4 . 0 . 0 [get it](#)  
NP-13 08/10/2001 4 . 1 . 0 [get it](#)  
NP-14 08/01/2002 4 . 2 . 0 [get it](#)  
NP-15 20/03/2002 4 . 3 . 0 [get it](#)

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<b>TS 29.202</b>	<b>Signalling System No. 7 (SS7) signalling transport in core network; Stage 3</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> ANGELO, Ciriaco	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	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>						
<hr/>									
<b>TS 29.205</b>	<b>Application of Q.1900 series to bearer-independent circuit-switched 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	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-11 30/03/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
	NP-12 04/07/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>					
	NP-13 03/10/2001	4 . 2 . 0	<a href="#">get it</a>						
<hr/>									
<b>TS 29.232</b>	<b>Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3</b>								
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</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	4 . 5 . 0							
<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	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	NP-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
	NP-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>						

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<b>TS 29.415</b>	<b>Core network Nb interface user plane protocols</b>						
Rel-4	current version: 4.2.0	WG (prime / other):	N3 / -	rapporteur:	SANDERS, David	VODAFONE Group Plc	
	freeze_meeting:	G:	U: yes	MCC:	BOSWARTHICK, David		
	history (event, available, version,						
	NP-11 06/04/2001						4 . 0 . 0
	NP-13 03/10/2001						4 . 1 . 0
	NP-14 11/01/2002						4 . 2 . 0
		<a href="#">get it</a>		remarks - general:			
		<a href="#">get it</a>		remarks - this release:			
		<a href="#">get it</a>					
<hr/>							
<b>TR 29.993</b>	<b>Modifications to be incorporated in equipment to cater for errors in the standards</b>						
Rel-4	current version: none	WG (prime / other):	RP / -	rapporteur:	COURAU, François	ALCATEL S.A.	
	freeze_meeting: tbd	G: yes	U: yes	MCC:	VAN DER VEEN, Hans		
	history (event, available, version,						
				remarks - general:			
				remarks - this release:			.
<hr/>							
<b>TR 29.994</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults</b>						
Rel-4	current version: 4.0.0	WG (prime / other):	N1 / RP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: tbd	G: yes	U: yes	MCC:	Peter Skov		
	history (event, available, version,				JORGENSEN, Per Johan		
	NP-16			remarks - general:			2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
				remarks - this release:			. latest Release version.
<hr/>							
<b>TR 29.998-01</b>	<b>Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping</b>						
Rel-4	current version: 4.0.0	WG (prime / other):	N5 /	rapporteur:	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.	
	freeze_meeting: SP-11	G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,						
	NP-11 02/04/2001						4 . 0 . 0
		<a href="#">get it</a>		remarks - general:			
				remarks - this release:			
<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 1: API to CAP Mapping</b>						
Rel-4	current version: 4.2.0	WG (prime / other):	N5 /	rapporteur:	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.	
	freeze_meeting: NP-11	G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,						
	NP-11 02/04/2001						4 . 0 . 0
	NP-12 29/06/2001						4 . 1 . 0
	NP-13 05/10/2001						4 . 2 . 0
		<a href="#">get it</a>		remarks - general:			
		<a href="#">get it</a>		remarks - this release:			
		<a href="#">get it</a>					

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**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:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-11 26/03/2001 1 . 0 . 0 [get it](#) *remarks - general:*  
edito 02/04/2001 1 . 0 . 1 [get it](#) *remarks - this release:*  
NP-12 2 . 0 . 0  
NP-12 29/06/2001 4 . 0 . 0 [get it](#)

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**TR 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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Rel-4 30 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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## TR 30.002 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo ETSI Secretariat  
*freeze\_meeting:* NP-11 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-09 08/11/2000 4 . 0 . 0 [get it](#) *remarks - general:* .  
TR no. corrected 02/02/2001 4 . 0 . 1 [get it](#) *remarks - this release:* 2002-03-10: WG Chairman: Unwithdrawn.

## TR 30.504 Work Plan and Study Items - RAN WG4

Rel-4 *current version:* 2.2.0 DRAFT *WG (prime / other):* R4 / - *rapporteur:* IWASA, Masaaki MOTOROLA JAPAN LTD  
*freeze\_meeting:* *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
draft 21/12/2000 0 . 8 . 6 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.  
RP-04 23/06/1999 1 . 0 . 0 [get it](#)  
RP-05 13/10/1999 1 . 4 . 0 [get it](#)  
RP-06 17/12/1999 2 . 0 . 0 [get it](#)  
RP-08 23/06/2000 2 . 2 . 0 [get it](#)

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 GEMPLUS Card International  
*freeze\_meeting:* TP-21 *G:* yes *U:* yes *MCC:* DIETZE, Claus  
*history (event, available, version,*  
*remarks - general:* Test spec for 23.048.  
*remarks - this release:*

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

Rel-4 *current version:* 4.0.0 *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,*  
TP-11 09/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.  
*remarks - this release:*

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<b>TS 31.102</b>	<b>Characteristics of the USIM Application</b>						
Rel-4	<i>current version:</i> 4.5.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> HEIM, Christian		GIESECKE & DEVRIENT GmbH	
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>						
	TP-11 09/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	TP-12 23/07/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	TP-13 11/10/2001	4 . 2 . 0		<a href="#">get it</a>			
	TP-14 17/01/2002	4 . 3 . 0		<a href="#">get it</a>			
	TP-15 28/03/2002	4 . 4 . 0		<a href="#">get it</a>			
	TP-16	4 . 5 . 0					
<hr/>							
<b>TS 31.110</b>	<b>Numbering system for telecommunication IC card applications</b>						
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian		SchlumbergerSema - Schlumberger Systèmes S.A	
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>						
	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	<a href="#">get it</a>	<i>remarks - general:</i> Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.		
	TP-14 16/01/2002	4 . 1 . 0		<a href="#">get it</a>			
<hr/>							
<b>TS 31.111</b>	<b>USIM Application Toolkit (USAT)</b>						
Rel-4	<i>current version:</i> 4.7.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian		ASPECTS Software Ltd	
	<i>freeze_meeting:</i> SP-11		<i>G:</i> yes U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>						
	TP-09 18/10/2000	4 . 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-10 05/01/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	TP-11 09/04/2001	4 . 2 . 0		<a href="#">get it</a>			
	edito 10/04/2001	4 . 2 . 1		<a href="#">get it</a>			
	TP-12 06/07/2001	4 . 3 . 0		<a href="#">get it</a>			
	TP-13 12/10/2001	4 . 4 . 0		<a href="#">get it</a>			
	TP-14 16/01/2002	4 . 5 . 0		<a href="#">get it</a>			
	TP-15 28/03/2002	4 . 6 . 0		<a href="#">get it</a>			
	TP-16	4 . 7 . 0					

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**TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification**  
Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* MAESER, Torsten ORGA Kartensysteme GmbH  
*freeze\_meeting:* *G:* *U:* yes *MCC:* DIETZE, Claus  
*history (event, available, version,*  
*TP-12 06/07/2001 4 . 0 . 0*  
*TP-16 4 . 1 . 0*  
*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.

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**TS 31.121 UICC-terminal interface; USIM application test specification**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* DIETZE, Claus  
*history (event, available, version,*  
*TP-12 06/07/2001 4 . 0 . 0* [get it](#) *remarks - general:* based on R99 core spec; split into 2 parts (this is 2)  
*TP-16 4 . 1 . 0* *remarks - this release:*

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**TS 31.122 USIM conformance test specification**  
Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* DIETZE, Claus  
*history (event, available, version,*  
*remarks - general:* based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was  
*remarks - this release:* split into two parts

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Rel-4 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.101 3G Telecom Management principles and high level requirements**  
Rel-4 *current version:* 4.2.1 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
*SP-11 28/03/2001 4 . 0 . 0* [get it](#) *remarks - general:*  
*edito 11/04/2001 4 . 0 . 1* [get it](#) *remarks - this release:*  
*SP-12 03/07/2001 4 . 1 . 0* [get it](#)  
*SP-13 05/10/2001 4 . 2 . 0* [get it](#)  
*edito 26/03/2002 4 . 2 . 1* [get it](#)

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<b>TS 32.102</b>	<b>3G Telecom Management Architecture</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> BERGGREN, Tommy	Telia Mobile AB		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-11 28/03/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-12 03/07/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-13 05/10/2001 4 . 2 . 0	<a href="#">get it</a>				

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<b>TS 32.111-1</b>	<b>Telecommunication management; Fault Management; Part 1: 3G fault management 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: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts			
			<i>remarks - this release:</i>			

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<b>TS 32.111-2</b>	<b>Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 04/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts			
	SP-13 05/10/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-14 11/01/2002 4 . 2 . 0	<a href="#">get it</a>				
	SP-15 26/03/2002 4 . 3 . 0	<a href="#">get it</a>				

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<b>TS 32.111-3</b>	<b>Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 04/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts			
	SP-13 05/10/2001 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 4 . 3 . 0	<a href="#">get it</a>				

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<b>TS 32.111-4</b>	<b>Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set</b>								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
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		4 . 3 . 0							
<hr/>									
<b>TS 32.200</b>	<b>Telecommunication management; Charging management; Charging principles</b>								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> AHLBÄCK, Hans	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-14	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</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> 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		4 . 2 . 0							
<hr/>									
<b>TS 32.205</b>	<b>Telecommunication management; Charging management; 3G charging data description for the CS domain</b>								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BENDER, James	Nortel Networks (USA)					
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
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		4 . 2 . 0							

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<b>TS 32.215</b>	<b>Telecommunications management; Charging management; Charging data description for the Packet Switched (PS) domain</b>					
Rel-4	current version: 4.3.0	WG (prime / other): S5 /	rapporteur: LEHNERT, Matthias	ALCATEL S.A.		
	freeze_meeting: tbd	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	SP-12 18/06/2001	1 . 0 . 1	SP-010236	<a href="#">get it</a>	remarks - general:	
	SP-13 01/10/2001	2 . 0 . 0	SP-010464	<a href="#">get it</a>	remarks - this release:	
	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	4 . 3 . 0				

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<b>TS 32.235</b>	<b>Telecommunication management; Charging management; Charging data description for application services</b>					
Rel-4	current version: 4.2.0	WG (prime / other): S5 /	rapporteur: GOERMER, Gerald	SIEMENS AG		
	freeze_meeting: tbd	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	SP-12 18/06/2001	1 . 0 . 1	SP-010236	<a href="#">get it</a>	remarks - general:	
	SP-13 01/10/2001	2 . 0 . 0	SP-010464	<a href="#">get it</a>	remarks - this release:	
	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	4 . 2 . 0				

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<b>TS 32.300</b>	<b>Telecommunication management; 3G configuration management; Name convention for Managed Objects</b>					
Rel-4	current version: 4.1.0	WG (prime / other): S5 / -	rapporteur: TOVINGER, Thomas	Telefon AB LM Ericsson		
	freeze_meeting: SP-12	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	SP-12 18/06/2001	2 . 0 . 0	SP-010283	<a href="#">get it</a>	remarks - general: Replaces 32.106-8 (pars)	
	SP-12 03/07/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - this release:	
	SP-14 11/01/2002	4 . 1 . 0		<a href="#">get it</a>		

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<b>TS 32.301</b>	<b>Telecommunication management; Configuration Management; Notification Integration Reference Point (IRP): requirements</b>					
Rel-4	current version: 4.0.1	WG (prime / other): S5 / -	rapporteur: PIRT, Trevor	MOTOROLA Ltd		
	freeze_meeting: SP-12	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	SP-12 21/06/2001	2 . 0 . 0		<a href="#">get it</a>	remarks - general: was 32.301-1	
	SP-12 03/07/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - this release:	
	edito 26/03/2002	4 . 0 . 1		<a href="#">get it</a>		

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<b>TS 32.302</b>	<b>Telecommunication management; Configuration Management; Notification Integration Reference Point; Information Service version 1</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	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>		

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<b>TS 32.303</b>	<b>Telecommunication management; Configuration Management; Notification Integration Reference Point; CORBA solution set version 1:1</b>				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.301-3	
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>		

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<b>TS 32.304</b>	<b>Telecommunication management; Configuration Management; Notification Integration Reference Point; CMIP Solution Set Version 1:1</b>				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
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>		

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<b>TS 32.311</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements</b>				
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.112-1	
SP-12	03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .	
edito	12/07/2001	4 . 0 . 1	<a href="#">get it</a>		

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<b>TS 32.312</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Information service</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.112-2		
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
<hr/>						
<b>TS 32.401</b>	<b>Telecommunication management; Performance Management (PM); Concept and requirements</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> tbd	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 20/06/2001	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.104 (pars)		
	edito 27/06/2001	1 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	SP-13 11/10/2001	2 . 0 . 0	<a href="#">get it</a>		SP-010467	
	SP-13 05/10/2001	4 . 0 . 0	<a href="#">get it</a>			
	SP-14 11/01/2002	4 . 1 . 0	<a href="#">get it</a>			
<hr/>						
<b>TS 32.403</b>	<b>Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 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>			
<hr/>						
<b>TS 32.600</b>	<b>Telecommunication management; Configuration Management; 3G configuration management; Concept and main requirements</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 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> .		

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**TS 32.601 Telecommunication management; Configuration Management; Basic CM Integration Reference Point (IRP): requirements**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.601-1  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

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**TS 32.602 Telecommunication management; Configuration Management; Basic configuration management Integration Reference Point (IRP) information model**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.601-2  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)

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**TS 32.603 Telecommunication management; Configuration Management; Basic configuration management Integration Reference Point (IRP): CORBA solution set**  
Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.601-3  
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 4 . 3 . 0

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**TS 32.604 Telecommunication management; Configuration Management; Basic configuration management Integration Reference Point (IRP) CMIP solution set**  
Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-12 *G: U: yes* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-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](#)

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<b>TS 32.611</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk CM Integration Reference Point (IRP) requirements</b>
Rel-4	<i>current version:</i> 4.0.0
	<i>freeze_meeting:</i> SP-12
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 21/06/2001 2 . 0 . 0	<i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.602-1
	<a href="#">get it</a> <i>remarks - this release:</i> .

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<b>TS 32.612</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management Integration Reference Point (IRP): Information</b>
Rel-4	<i>current version:</i> 4.2.0
	<i>freeze_meeting:</i> SP-12
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 21/06/2001 2 . 0 . 0	<i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
SP-12 04/07/2001 4 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.602-2
SP-13 05/10/2001 4 . 1 . 0	<a href="#">get it</a> <i>remarks - this release:</i> .
SP-16 4 . 2 . 0	<a href="#">get it</a>

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<b>TS 32.613</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management Integration Reference Point (IRP): CORBA</b>
Rel-4	<i>current version:</i> 4.2.0
	<i>freeze_meeting:</i> SP-12
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 21/06/2001 2 . 0 . 0	<i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
SP-12 04/07/2001 4 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.602-3
SP-14 11/01/2002 4 . 1 . 0	<a href="#">get it</a> <i>remarks - this release:</i> .
SP-16 4 . 2 . 0	<a href="#">get it</a>

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<b>TS 32.614</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management Integration Reference Point (IRP): CMIP solution</b>
Rel-4	<i>current version:</i> 4.2.0
	<i>freeze_meeting:</i> SP-12
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 21/06/2001 2 . 0 . 0	<i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> was 32.602-4
SP-13 05/10/2001 4 . 1 . 0	<a href="#">get it</a> <i>remarks - this release:</i> .
SP-16 4 . 2 . 0	<a href="#">get it</a>

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<b>TS 32.615</b>	<b>Telecommunication management; Configuration management; 3G configuration management; Bulk configuration management Integration Reference Point (IRP): XML file format</b>								
Rel-4	current version: definition	4.2.0	WG (prime / other):	S5	/ rapporteur:	TOVINGER, Thomas	Telefon		
AB LM Ericsson									
	freeze_meeting: SP-12		G:	U: yes	MCC:	ZOICAS, Adrian			
	history (event, available, version,								
	SP-12 21/06/2001	2 . 0 . 0		<a href="#">get it</a>	remarks - general:	was 32.602-5			
	SP-12 03/07/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - this release:	.			
	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>					

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<b>TS 32.621</b>	<b>Telecommunication management; Configuration Management; Generic network resources Integration Reference Point (IRP): requirements</b>								
Rel-4	current version: 4.0.0		WG (prime / other):	S5 / -	rapporteur:	PIRT, Trevor	MOTOROLA Ltd		
	freeze_meeting: SP-12		G: yes	U: yes	MCC:	ZOICAS, Adrian			
	history (event, available, version,								
	SP-12 21/06/2001	2 . 0 . 0		<a href="#">get it</a>	remarks - general:	was 32.620-1			
	SP-12 03/07/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - this release:	.			

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<b>TS 32.622</b>	<b>Telecommunication management; Configuration Management; Generic network resources Integration Reference Point (IRP): NRM</b>								
Rel-4	current version: 4.3.0		WG (prime / other):	S5 / -	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson		
	freeze_meeting: SP-12		G: yes	U: yes	MCC:	ZOICAS, Adrian			
	history (event, available, version,								
	SP-12 21/06/2001	2 . 0 . 0		<a href="#">get it</a>	remarks - general:	was 32.620-2			
	SP-12 03/07/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - this release:	.			
	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	4 . 3 . 0							

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<b>TS 32.623</b>	<b>Telecommunication management; Configuration Management; Generic network resources Integration Reference Point (IRP): CORBA solution set</b>								
Rel-4	current version: 4.2.0		WG (prime / other):	S5 / -	rapporteur:	ZHOU, Di	SIEMENS AG		
	freeze_meeting: SP-12		G: yes	U: yes	MCC:	ZOICAS, Adrian			
	history (event, available, version,								
	SP-12 21/06/2001	2 . 0 . 0		<a href="#">get it</a>	remarks - general:	was 32.620-3			
	SP-12 03/07/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - this release:	.			
	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>					

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

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<b>TS 32.624</b>	<b>Telecommunication management; Configuration Management; Generic network resources: Integration Reference Point (IRP) CMIP solution set</b>
Rel-4	<i>current version:</i> 4.4.0
	<i>freeze_meeting:</i> SP-12
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001	2 . 0 . 0 <a href="#">get it</a> <i>remarks - general:</i> was 32.620-4
SP-12 04/07/2001	4 . 0 . 0 <a href="#">get it</a> <i>remarks - this release:</i> .
SP-13 05/10/2001	4 . 1 . 0 <a href="#">get it</a>
SP-14 11/01/2002	4 . 2 . 0 <a href="#">get it</a>
SP-15 27/03/2002	4 . 3 . 0 <a href="#">get it</a>
SP-16	4 . 4 . 0

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<b>TS 32.631</b>	<b>Telecommunication management; Configuration Management; Core network resources Integration Reference Point (IRP): requirements</b>
Rel-4	<i>current version:</i> 4.0.0
	<i>freeze_meeting:</i> SP-12
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd
	<i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001	2 . 0 . 0 <a href="#">get it</a> <i>remarks - general:</i> was 32.621-1
SP-12 03/07/2001	4 . 0 . 0 <a href="#">get it</a> <i>remarks - this release:</i> .

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<b>TS 32.632</b>	<b>Telecommunication management; Configuration Management; Core Network Resources Integration Reference Point (IRP): NRM</b>
Rel-4	<i>current version:</i> 4.2.0
	<i>freeze_meeting:</i> SP-12
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001	2 . 0 . 0 <a href="#">get it</a> <i>remarks - general:</i> was 32.621-2
SP-12 03/07/2001	4 . 0 . 0 <a href="#">get it</a> <i>remarks - this release:</i> .
SP-14 11/01/2002	4 . 1 . 0 <a href="#">get it</a>
SP-16	4 . 2 . 0

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<b>TS 32.633</b>	<b>Telecommunication management; Configuration Management; Core network resources Integration Reference Point (IRP): CORBA solution set</b>
Rel-4	<i>current version:</i> 4.1.0
	<i>freeze_meeting:</i> SP-12
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG
	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001	2 . 0 . 0 <a href="#">get it</a> <i>remarks - general:</i> was 32.621-3
SP-12 03/07/2001	4 . 0 . 0 <a href="#">get it</a> <i>remarks - this release:</i> .
SP-16	4 . 1 . 0

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**TS 32.634 Telecommunication management; Configuration Management; Core network resources Integration Reference Point (IRP): CMIP solution set**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.621-4  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)

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**TS 32.641 Telecommunication management; Configuration Management; UTRAN network resources Integration Reference Point (IRP): requirements**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-1  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

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**TS 32.642 Telecommunication management; Configuration Management; UTRAN network resources Integration Reference Point (IRP): NRM**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-2  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-16 4 . 1 . 0

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**TS 32.643 Telecommunication management; Configuration Management; UTRAN network resources Integration Reference Point (IRP): CORBA solution set**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-3  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:*  
SP-14 11/01/2002 4 . 1 . 0 [get it](#)

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**TS 32.644 Telecommunication management; Configuration Management; UTRAN network resources Integration Reference Point (IRP): CMIP solution set**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-4  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:*  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)

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

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<b>TS 32.651</b>	<b>Telecommunication management; Configuration Management; GERAN network resources Integration Reference Point (IRP): requirements</b>
Rel-4	<i>current version:</i> 4.0.0
	<i>freeze_meeting:</i> SP-12
	<i>history (event, available, version,</i>
	SP-12 21/06/2001 2 . 0 . 0
	SP-12 03/07/2001 4 . 0 . 0
	<a href="#">get it</a> <i>remarks - general:</i> was 32.623-1
	<a href="#">get it</a> <i>remarks - this release:</i> .

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<b>TS 32.652</b>	<b>Telecommunication management; Configuration Management; GERAN network resources Integration Reference Point (IRP): NRM</b>
Rel-4	<i>current version:</i> 4.3.0
	<i>freeze_meeting:</i> SP-12
	<i>history (event, available, version,</i>
	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-16 4 . 3 . 0
	<a href="#">get it</a> <i>remarks - general:</i> was 32.623-2
	<a href="#">get it</a> <i>remarks - this release:</i> .
	<a href="#">get it</a>
	<a href="#">get it</a>

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<b>TS 32.653</b>	<b>Telecommunication management; Configuration Management; GERAN network resources Integration Reference Point (IRP): CORBA solution set</b>
Rel-4	<i>current version:</i> 4.1.0
	<i>freeze_meeting:</i> SP-12
	<i>history (event, available, version,</i>
	SP-12 21/06/2001 2 . 0 . 0
	SP-12 04/07/2001 4 . 0 . 0
	SP-14 11/01/2002 4 . 1 . 0
	<a href="#">get it</a> <i>remarks - general:</i> was 32.623-3
	<a href="#">get it</a> <i>remarks - this release:</i> .
	<a href="#">get it</a>

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<b>TS 32.654</b>	<b>Telecommunication management; Configuration Management; GERAN network resources Integration Reference Point (IRP): CMIP solution set</b>
Rel-4	<i>current version:</i> 4.1.0
	<i>freeze_meeting:</i> SP-12
	<i>history (event, available, version,</i>
	SP-12 21/06/2001 2 . 0 . 0
	SP-12 03/07/2001 4 . 0 . 0
	SP-13 05/10/2001 4 . 1 . 0
	<a href="#">get it</a> <i>remarks - general:</i> was 32.623-4
	<a href="#">get it</a> <i>remarks - this release:</i> .
	<a href="#">get it</a>

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

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## TR 32.800 Management level procedures and interaction with UTRAN

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-12  
*history (event, available, version,*  
draft 31/10/2000 0 . 0 . 1  
draft 17/01/2001 0 . 0 . 3 NP-010239 (!)  
SP-12 18/06/2001 1 . 0 . 0 SP-010233 (for approval!)  
SP-12 03/07/2001 4 . 0 . 0

WG (prime / other): S5 /  
G: U: yes

*rapporteur:* BODEN, Bert  
*MCC:* ZOICAS, Adrian

Vodafone D2 GmbH

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

Rel-4 33 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.102 3G security; Security architecture

Rel-4 *current version:* 4.4.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11 30/03/2001 4 . 0 . 0  
SP-12 04/07/2001 4 . 1 . 0  
SP-13 03/10/2001 4 . 2 . 0  
SP-14 07/01/2002 4 . 3 . 0  
SP-16 4 . 4 . 0

WG (prime / other): S3 / -  
G: U: yes

*rapporteur:* BLOMMAERT, Marc  
*MCC:* POPE, Maurice

SIEMENS ATEA NV

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

## TS 33.103 3G security; Integration guidelines

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11 11/04/2001 4 . 0 . 0  
SP-12 04/07/2001 4 . 1 . 0  
SP-13 03/10/2001 4 . 2 . 0

WG (prime / other): S3 / -  
G: U: yes

*rapporteur:* BLANCHARD, Colin  
*MCC:* POPE, Maurice

BT Group Plc

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* SP-15: Not to be promoted to Rel-5.  
[get it](#)

## TS 33.105 Cryptographic Algorithm requirements

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11 11/04/2001 4 . 0 . 0  
SP-12 04/07/2001 4 . 1 . 0

WG (prime / other): S3 / -  
G: U: yes

*rapporteur:* CHIKAZAWA, Takeshi  
*MCC:* POPE, Maurice

Mitsubishi Electric Corporation

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* SP-15: Not to be promoted to Rel-5.

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<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,</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,</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,</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.
<hr/>						
<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		Hutchison 3G UK Limited
	<i>freeze_meeting:</i> SP-12		G: U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</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>
	SA-12 04/07/2001	4 . 0 . 0			<a href="#">get it</a>	
	SP-13 03/10/2001	4 . 1 . 0			<a href="#">get it</a>	
	SP-14 07/01/2002	4 . 2 . 0			<a href="#">get it</a>	
	SP-15 26/03/2002	4 . 3 . 0			<a href="#">get it</a>	

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

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<b>TR 33.800</b>	<b>Principles for Network Domain Security</b>								
Rel-4	<i>current version:</i> 0.3.5	DRAFT	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> ESCOTT, Adrian	Hutchison 3G UK Limited				
	<i>freeze_meeting:</i> tbd		<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, draft</i>	0 . 3 . 5						<i>remarks - general:</i>	
								<i>remarks - this release:</i>	v0.3.5 not fit for public gaze
<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		<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, SP-11 03/10/2001</i>	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		<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, SP-11 03/10/2001</i>	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> tbd		<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>							<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
<b>TR 33.904</b>	<b>Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms</b>								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S3 / SAG	<i>rapporteur:</i> VACANT,					
	<i>freeze_meeting:</i> SP-11		E	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>		<i>G:</i> U: yes					<i>remarks - general:</i>	Source: ETSI SAGE.
								<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.

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

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<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,</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.					
<hr/>									
<b>TR 33.909</b>	<b>3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions</b>								
Rel-4	<i>current version:</i> 4.0.1	<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,</i>								
	SP-11 04/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.					
	correct misprint in 23/07/2001	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.					
	spec number								
<hr/>									

Rel-4 34 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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<b>TS 34.108</b>	<b>Common test environments for User Equipment (UE) conformance testing</b>								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> CHALABI, Nohman	Anite Telecoms Ltd.					
	<i>freeze_meeting:</i> SP-13	G: U: yes	<i>MCC:</i> SALMERON, Lidia						
	<i>history (event, available, version,</i>								
	TP-13 08/10/2001	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>						
	edito post TP-15 26/03/2002	4 . 2 . 1	<a href="#">get it</a>						
	TP-16	4 . 3 . 0							
<hr/>									
<b>TS 34.109</b>	<b>Terminal logical test interface; Special conformance testing functions</b>								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> R2 / T1	<i>rapporteur:</i> BERGGREN, Anders	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans						
	<i>history (event, available, version,</i>								
	RP-11 27/03/2001	4 . 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.					
	RP-12 19/06/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> TSG#9: Stable, so txfered from T1 to R2.					
	RP-15 19/03/2002	4 . 2 . 0	<a href="#">get it</a>						
	RP-16	4 . 3 . 0							
<hr/>									

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**TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)**

Rel-4 *current version:* none *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji  
*freeze\_meeting:* SP-13 G: U: yes *MCC:* SALMERON, Lidia ADVANTEST Corporation  
*history (event, available, version,*

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

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**TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG  
*freeze\_meeting:* SP-13 G: U: yes *MCC:* SALMERON, Lidia

*history (event, available, version,*  
TP-12 03/07/2001 4 . 0 . 0  
TP-13 03/10/2001 4 . 1 . 0  
TP-14 09/01/2002 4 . 2 . 0  
TP-15 21/03/2002 4 . 3 . 0  
TP-16 4 . 4 . 0

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

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**TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia ETSI Secretariat  
*freeze\_meeting:* SP-13 G: U: yes *MCC:* SALMERON, Lidia

*history (event, available, version,*  
TP-13 03/10/2001 4 . 0 . 0  
TP-14 09/01/2002 4 . 1 . 0  
TP-15 20/03/2002 4 . 2 . 0  
TP-16 4 . 3 . 0

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

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**TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-13 G: U: yes *MCC:* SALMERON, Lidia

*history (event, available, version,*  
TP-13 04/10/2001 4 . 0 . 0  
TP-14 09/01/2002 4 . 1 . 0  
TP-15 21/03/2002 4 . 2 . 0  
TP-16 4 . 3 . 0

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

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## TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

Rel-4 *current version:* none WG (prime / other): T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-13 G: U: yes MCC: SALMERON, Lidia  
*history (event, available, version,*

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

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## TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

Rel-4 *current version:* 4.0.0 WG (prime / other): R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation  
*freeze\_meeting:* SP-11 G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-11 10/04/2001 4 . 0 . 0

[get it](#) *remarks - general:* T1->R4@TSG#10  
*remarks - this release:*

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## TR 34.910 Identification of test requirements for regulatory purposes in different regions/countries

Rel-4 *current version:* 1.0.0 DRAFT WG (prime / other): T1 / - *rapporteur:* NIELSEN, Bjarke QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-13 G: U: yes MCC: SALMERON, Lidia  
*history (event, available, version,*  
TP-05 13/10/1999 0 . 0 . 1  
TP-10 09/01/2001 1 . 0 . 0

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

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## TR 34.926 Table of international EMC requirements

Rel-4 *current version:* 4.0.0 WG (prime / other): R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute  
*freeze\_meeting:* SP-11 G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
TP-09 06/10/2000 1 . 0 . 0  
RP-10 09/01/2001 4 . 0 . 0

[get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10  
[get it](#) *remarks - this release:*

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Rel-4 35 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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<b>TS 35.201</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</i>								
	SP-11 28/08/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence					
	SP-14 07/01/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>						
<b>TS 35.202</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</i>								
	SP-11 28/08/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence					
			<i>remarks - this release:</i>						
<b>TS 35.203</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</i>								
	SP-11 28/08/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence					
			<i>remarks - this release:</i>						
<b>TS 35.204</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</i>								
	SP-11 28/08/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence					
			<i>remarks - this release:</i>						
<b>TR 35.205</b>	<b>3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b>								
Rel-4	<i>current version:</i> <b>Document 1: General</b>	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,</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.					

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<b>TS 35.206</b>	<b>3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b>
Rel-4	<i>current version:</i> <b>Document 2: Algorithm specification</b>
VODAFONE Group Plc	4.0.0
	<i>WG (prime / other):</i> S3
	<i>WG (prime / other):</i> /-
	<i>rapporteur:</i> WALKER, Michael
	<i>freeze_meeting:</i> SP-11
	<i>history (event, available, version,</i>
	SP-11 09/05/2001 4 . 0 . 0
	<i>G:</i> U: yes
	<i>MCC:</i> POPE, Maurice
	<a href="#">get it</a> <i>remarks - general:</i> ex SAGE
	<i>remarks - this release:</i> TSG#11:changed to Rel-4

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<b>TS 35.207</b>	<b>3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b>
Rel-4	<i>current version:</i> <b>Document 3: Implementors' test data</b>
VODAFONE Group Plc	4.0.0
	<i>WG (prime / other):</i> S3
	<i>WG (prime / other):</i> /-
	<i>rapporteur:</i> WALKER, Michael
	<i>freeze_meeting:</i> SP-11
	<i>history (event, available, version,</i>
	SP-11 09/05/2001 4 . 0 . 0
	<i>G:</i> U: yes
	<i>MCC:</i> POPE, Maurice
	<a href="#">get it</a> <i>remarks - general:</i> ex SAGE
	<i>remarks - this release:</i> TSG#11:changed to Rel-4

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<b>TS 35.208</b>	<b>3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b>
Rel-4	<i>current version:</i> <b>Document 4: Design conformance test data</b>
VODAFONE Group Plc	4.0.0
	<i>WG (prime / other):</i> S3
	<i>WG (prime / other):</i> /-
	<i>rapporteur:</i> WALKER, Michael
	<i>freeze_meeting:</i> SP-11
	<i>history (event, available, version,</i>
	SP-11 09/05/2001 4 . 0 . 0
	<i>G:</i> U: yes
	<i>MCC:</i> POPE, Maurice
	<a href="#">get it</a> <i>remarks - general:</i> ex SAGE
	<i>remarks - this release:</i> TSG#11:changed to Rel-4

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<b>TR 35.909</b>	<b>3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b>
Rel-4	<i>current version:</i> <b>Document 5: Summary and results of design and evaluation</b>
VODAFONE Group Plc	4.0.0
	<i>WG (prime / other):</i> S3
	<i>WG (prime / other):</i> /-
	<i>rapporteur:</i> WALKER, Michael
	<i>freeze_meeting:</i> SP-11
	<i>history (event, available, version,</i>
	SP-11 09/05/2001 4 . 0 . 0
	<i>G:</i> U: yes
	<i>MCC:</i> POPE, Maurice
	<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)

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Rel-4 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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<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	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	edito 02/05/2001 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<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	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 02/05/2001 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>			
<hr/>						
<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	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
<hr/>						
<b>TS 41.102</b>	<b>GSM Release 4 specifications</b>					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-10 1 . 0 . 0		<i>remarks - general:</i> Né 41.001; renumbered at TSG#10.			
	SP-10 04/01/2001 1 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-11 11/04/2001 4 . 0 . 0	<a href="#">get it</a>				
	SP-12 05/07/2001 4 . 1 . 0	<a href="#">get it</a>				
	SP-13 01/10/2001 4 . 2 . 0	<a href="#">get it</a>				
	SP-14 03/01/2002 4 . 3 . 0	<a href="#">get it</a>				
	SP-15 27/03/2002 4 . 4 . 0	<a href="#">get it</a>				
	SP-16 4 . 5 . 0					

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<b>TS 42.009</b>	<b>Security Aspects</b>								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S3 / S1 / NP	rapporteur: CHRISTOFFERSSON, Per	TELIA PROMOTOR AB					
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0	G: yes U:	MCC: POPE, Maurice						
		<a href="#">get it</a>	remarks - general: remarks - this release: SP-15: Not to be promoted to Rel-5.						
<b>TS 42.017</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): T3 / S1	rapporteur: HOOKER, Philip	ORANGE PCS LTD					
	history (event, available, version, TP-11 09/04/2001 4 . 0 . 0	G: yes U:	MCC: DIETZE, Claus						
		<a href="#">get it</a>	remarks - general: remarks - this release:						
<b>TS 42.019</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API); Stage 1</b>								
Rel-4	current version: 4.0.0 freeze_meeting: TP-12 06/07/2001 4 . 0 . 0	WG (prime / other): T3 / -	rapporteur: DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A					
	history (event, available, version, TP-12 06/07/2001 4 . 0 . 0	G: yes U:	MCC: DIETZE, Claus						
		<a href="#">get it</a>	remarks - general: remarks - this release: .						
<b>TS 42.031</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 1</b>								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S3 /	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0	G: yes U:	MCC: POPE, Maurice						
		<a href="#">get it</a>	remarks - general: remarks - this release:						
<b>TS 42.033</b>	<b>Lawful Interception; Stage 1</b>								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S3 /	rapporteur: MCKIBBEN, Bernie	MOTOROLA GmbH					
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0	G: yes U:	MCC: POPE, Maurice						
		<a href="#">get it</a>	remarks - general: remarks - this release:						

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<b>TS 42.043</b>	<b>Support of Localised Service Area (SoLSA); Service description; 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:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<hr/>									
<b>TS 42.068</b>	<b>Voice Group Call Service (VGCS); Stage 1</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-08 23/06/2000 4 . 0 . 0 32,304	<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>						
	SP-10 08/01/2001 4 . 1 . 0	<a href="#">get it</a>							
<hr/>									
<b>TS 42.069</b>	<b>Voice Broadcast Service (VBS); Stage 1</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-08 23/06/2000 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>						
	SP-10 08/01/2001 4 . 1 . 0	<a href="#">get it</a>							

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Rel-4 43 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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<b>TR 43.005</b>	<b>Technical performance objectives</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-11 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 43.010</b>	<b>GSM Public Land Mobile Network (PLMN) connection types</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-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>			
<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	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-04 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<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> 4.2.0	<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,</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 4 . 2 . 0					
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<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,</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>			

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<b>TS 43.022</b>	<b>Functions related to Mobile Station (MS) in idle mode and group receive mode</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-01 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>				
<hr/>						
<b>TR 43.026</b>	<b>Multiband operation of GSM / DCS 1800 by a single operator</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> Peter Skov USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-04 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 43.030</b>	<b>Radio network planning aspects</b>					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> TEGTH, Ulf	TELIA AB		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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>			
<hr/>						
<b>TS 43.031</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>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: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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<b>TS 43.033</b>	<b>Lawful Interception; Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i> NP-11 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	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<b>TS 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,</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> 4.1.0	<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,</i> GP-04 11/04/2001 4 . 0 . 0 GP-05 29/06/2001 4 . 1 . 0				<a href="#">get it</a> <a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>

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<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,</i>						
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
<b>TS 43.059</b>	<b>Functional stage 2 description of Location Services (LCS) in GERAN</b>						
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation			
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	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>					
<hr/>							
<b>TS 43.064</b>	<b>Overall description of the GPRS radio interface; Stage 2</b>						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	GP-03 15/02/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	GP-04 20/04/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>				
	GP-07 04/01/2002 4 . 2 . 0	<a href="#">get it</a>					
	GP-08 19/02/2002 4 . 3 . 0	<a href="#">get it</a>					
<hr/>							
<b>TS 43.068</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>						
Rel-4	<i>current version:</i> 4.2.0	<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,</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-10 02/01/2001 4 . 2 . 0	<a href="#">get it</a>					

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**TS 43.069 Voice Broadcast service (VBS); Stage 2**  
Rel-4 *current version:* 4.2.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
NP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-09 12/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*  
edito 24/10/2000 4 . 1 . 1 [get it](#)  
NP-10 03/01/2001 4 . 2 . 0 [get it](#)

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**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 ETSI Secretariat  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
SP-16 4 . 0 . 0 = 23.073 v4.0.0 *remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.  
*remarks - this release:* .

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Rel-4 44 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**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 MOTOROLA A/S  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* Peter Skov  
*history (event, available, version,*  
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-16 4 . 1 . 0 *remarks - this release:*

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**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 MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* Peter Skov  
*history (event, available, version,*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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<b>TS 44.004</b>	<b>Layer 1 - General Requirements</b>					
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken		SIEMENS AG
	<i>freeze_meeting:</i> GP-04		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	GP-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>		
<b>TS 44.005</b>	<b>Data Link (DL) Layer General Aspects</b>					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-04		G: yes U:	<i>MCC:</i> Peter Skov THOMASEN, Gert		
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<b>TS 44.006</b>	<b>Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification</b>					
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-04		G: yes U:	<i>MCC:</i> Peter Skov THOMASEN, Gert		
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	GP-08 19/02/2002	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
<b>TS 44.012</b>	<b>Short Message Service Cell Broadcast (SMS) Support on the Mobile Radio Interface</b>					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> G2 / N2	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-04		G: yes U:	<i>MCC:</i> Peter Skov THOMASEN, Gert		
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Rel-4 onwards. (Rel-99 was 24.012)	
					<i>remarks - this release:</i> TSG#11: Replaces 24.012 for Rel-4 on.	
<b>TS 44.013</b>	<b>Performance Requirements on Mobile Radio Interface</b>					
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris		VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-11		G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>					
	NP-11 11/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	NP-16	4 . 1 . 0			<i>remarks - this release:</i>	

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-04 *G: yes U:* MCC: THOMASEN, Gert  
*history (event, available, version,*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
GP-05 18/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

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**TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control Protocol**

Rel-4 *current version:* 4.9.1 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-04 *G: yes U:* MCC: THOMASEN, Gert  
*history (event, available, version,*  
04.18 to 3G 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](#)

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**TS 44.021 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* MCC: BOSWARTHICK, David  
*history (event, available, version,*  
NP-10 21/12/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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<b>TS 44.031</b>	<b>Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)</b>					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
<i>history (event, available, version,</i>						
	GP-04 04/05/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	GP-05 18/06/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	GP-06 14/09/2001	4 . 2 . 0	<a href="#">get it</a>			
	GP-07 08/01/2002	4 . 3 . 0	<a href="#">get it</a>			
	GP-08 19/02/2002	4 . 4 . 0	<a href="#">get it</a>			
	GP-09 02/05/2002	4 . 5 . 0	<a href="#">get it</a>			
<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-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
<i>history (event, available, version,</i>						
	GP-04 04/05/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	GP-07 08/01/2002	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>						
<b>TS 44.056</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
<i>history (event, available, version,</i>						
	NP-11 11/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
<i>remarks - this release:</i>						
<hr/>						
<b>TS 44.057</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
<i>history (event, available, version,</i>						
	NP-11 11/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
<i>remarks - this release:</i>						

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<b>TS 44.060</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol</b>
Rel-4	<i>current version:</i> 4.6.1 <i>freeze_meeting:</i> GP-04 <i>history (event, available, version,</i>
	WG ( <i>prime / other</i> ): G2 / <i>rapporteur:</i> BLACK, Jyoti MOTOROLA G: yes U: <i>MCC:</i> THOMASEN, Gert
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>

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<b>TS 44.064</b>	<b>Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification</b>
Rel-4	<i>current version:</i> 4.3.0 <i>freeze_meeting:</i> SP-11 <i>history (event, available, version,</i>
	WG ( <i>prime / other</i> ): N1 / - <i>rapporteur:</i> SALKINTZIS, Apostolis MOTOROLA GmbH G: yes U: <i>MCC:</i> JORGENSEN, Per Johan
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>

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<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>freeze_meeting:</i> SP-11 <i>history (event, available, version,</i>
	WG ( <i>prime / other</i> ): N1 / - <i>rapporteur:</i> SALKINTZIS, Apostolis MOTOROLA GmbH G: yes U: <i>MCC:</i> JORGENSEN, Per Johan
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>

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## TS 44.068 Group Call Control (GCC) Protocol

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
conversion to 06/09/2000 4 . 0 . 0  
3GPP format  
NP-09 12/10/2000 4 . 1 . 0  
edito 24/10/2000 4 . 1 . 1  
NP-12 29/06/2001 4 . 2 . 0  
NP-16 4 . 3 . 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:*  
[get it](#)  
[get it](#)  
[get it](#)

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## TS 44.069 Broadcast Call Control (BCC) protocol

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-08 23/06/2000 4 . 0 . 0  
NP-09 12/10/2000 4 . 1 . 0  
edito 24/10/2000 4 . 1 . 1  
NP-12 29/06/2001 4 . 2 . 0  
NP-16 4 . 3 . 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:*  
[get it](#)  
[get it](#)  
[get it](#)

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## TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* GP-04  
*history (event, available, version,*  
GP-04 04/05/2001 4 . 0 . 0  
GP-05 18/06/2001 4 . 1 . 0  
GP-07 08/01/2002 4 . 2 . 0

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

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

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Rel-4 45 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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## TS 45.001 Physical Layer on the Radio Path (General Description)

Rel-4 *current version:* 4.1.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-01 10/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*  
GP-07 04/01/2002 4 . 1 . 0 [get it](#)

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## TS 45.002 Multiplexing and Multiple Access on the Radio Path

Rel-4 *current version:* 4.5.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-01 10/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*  
GP-02 24/11/2000 4 . 1 . 0 [get it](#)  
edito 30/11/2000 4 . 1 . 1 [get it](#)  
GP-03 15/01/2001 4 . 2 . 0 [get it](#)  
edito 27/02/2001 4 . 2 . 1 [get it](#)  
GP-04 20/04/2001 4 . 3 . 0 [get it](#)  
GP-06 01/10/2001 4 . 4 . 0 [get it](#)  
GP-07 04/01/2002 4 . 5 . 0 [get it](#)

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## TS 45.003 Channel coding

Rel-4 *current version:* 4.1.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-03 06/02/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
GP-07 04/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

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## TS 45.004 Modulation

Rel-4 *current version:* 4.2.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-04 18/06/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
GP-05 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
GP-07 04/01/2002 4 . 2 . 0 [get it](#)

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## TS 45.005 Radio transmission and reception

Rel-4 *current version:* 4.7.0

*freeze\_meeting:* SP-11

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

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

*history (event, available, version,*

GP-01 10/10/2000 4 . 0 . 0

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

edito 24/10/2000 4 . 0 . 1

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

GP-02 24/11/2000 4 . 1 . 0

[get it](#)

edito 30/11/2000 4 . 1 . 1

[get it](#)

GP-03 15/02/2001 4 . 2 . 0

[get it](#)

GP-04 20/04/2001 4 . 3 . 0

[get it](#)

GP-05 29/06/2001 4 . 4 . 0

[get it](#)

GP-06 01/10/2001 4 . 5 . 0

[get it](#)

GP-07 04/01/2002 4 . 6 . 0

[get it](#)

GP-09 06/05/2002 4 . 7 . 0

[get it](#)

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## TS 45.008 Radio subsystem link control

Rel-4 *current version:* 4.8.0

*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,*

GP-01 01/09/2000 4 . 0 . 0

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

GP-02 24/11/2000 4 . 1 . 0

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

edito 30/11/2000 4 . 1 . 1

[get it](#)

GP-03 15/02/2001 4 . 2 . 0

[get it](#)

GP-04 20/04/2001 4 . 3 . 0

[get it](#)

GP-05 29/06/2001 4 . 4 . 0

[get it](#)

GP-06 01/10/2001 4 . 5 . 0

[get it](#)

GP-07 04/01/2002 4 . 6 . 0

[get it](#)

GP-08 18/02/2002 4 . 7 . 0

[get it](#)

GP-09 06/05/2002 4 . 8 . 0

[get it](#)

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## TS 45.009 Link adaptation

Rel-4 *current version:* 4.2.0

*freeze\_meeting:* SP-11

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

MOTOROLA A/S

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

*history (event, available, version,*

GP-02 06/02/2001 4 . 0 . 0

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

GP-06 01/10/2001 4 . 1 . 0

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

GP-07 04/01/2002 4 . 2 . 0

[get it](#)

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<b>TS 45.010</b>	<b>Radio subsystem synchronization</b>					
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri		NOKIA MOBILE PHONES
	<i>freeze_meeting:</i> SP-11		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-04 20/04/2001 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-08 19/02/2002 4 . 2 . 0			<a href="#">get it</a>		
<hr/>						
<b>TR 45.022</b>	<b>Radio link management in hierarchical networks</b>					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-11		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-04 11/04/2001 4 . 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-4	<i>current version:</i> 4.0.1		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> SP-11		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-04 11/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	make figures 01/08/2001 4 . 0 . 1			<a href="#">get it</a>	<i>remarks - this release:</i>	
	legible					
<hr/>						
<b>TS 45.056</b>	<b>CTS-FP Radio Sub-system</b>					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino		ETSI Secretariat
	<i>freeze_meeting:</i> SP-11		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-04 11/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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<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	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</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,</i> SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>	
<hr/>							
<b>TS 46.006</b>	<b>Half-rate speech: ANSI-C code for GSM half-rate speech codec</b>						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>	
<hr/>							
<b>TS 46.007</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>	
<hr/>							
<b>TR 46.008</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>	

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<b>TS 46.010</b>	<b>Full-rate speech transcoding</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-12 29/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<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,</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,</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,</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,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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<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,</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	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<b>TS 46.032</b>	<b>Voice Activity Detection (VAD)</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<b>TS 46.041</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<b>TS 46.042</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>

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<b>TS 46.051</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino						
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<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,</i>	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<b>TS 46.054</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,</i>	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<b>TR 46.055</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,</i>	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<b>TS 46.060</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,</i>	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						

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<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,</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,</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	ETSI Secretariat					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>						
	fix invisible 10/01/2002 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>						
<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,</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,</i>								
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						

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**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 ETSI Secretariat  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**TS 48.001 General Aspects on the BSS-MSC Interface**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* Peter Skov  
*history (event, available, version,* THOMASEN, Gert  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**TS 48.002 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles**  
Rel-4 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* Peter Skov  
*history (event, available, version,* THOMASEN, Gert  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
GP-05 18/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
GP-07 08/01/2002 4 . 2 . 0 [get it](#)  
Rel-5 CR undone. Effectively reverts to 4.0.0

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**TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* Peter Skov  
*history (event, available, version,* THOMASEN, Gert  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**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    MOTOROLA A/S  
*freeze\_meeting:* GP-04  
  
*history (event, available, version,*  
GP-04 04/05/2001 4 . 0 . 0    [get it](#)    *remarks - general:*  
*remarks - this release:*

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**TS 48.008**    **Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Rel-4    *current version:* 4.7.0    *WG (prime / other):* G2 / -    *rapporteur:* ANDERSEN, Niels    MOTOROLA A/S  
*freeze\_meeting:* GP-04  
  
*history (event, available, version,*  
08.08 to 3G 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](#)

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**TS 48.014**    **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1**  
Rel-4    *current version:* 4.0.0    *WG (prime / other):* G2 / -    *rapporteur:* ANDERSEN, Niels    MOTOROLA A/S  
*freeze\_meeting:* GP-04  
  
*history (event, available, version,*  
GP-04 04/05/2001 4 . 0 . 0    [get it](#)    *remarks - general:*  
*remarks - this release:*

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<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> 4.2.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-04		Peter Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-02 17/11/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	GP-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>		

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<b>TS 48.018</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol</b>				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti		MOTOROLA
	<i>freeze_meeting:</i> GP-04		<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-02 17/11/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	GP-03 31/01/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	GP-04 04/05/2001	4 . 2 . 0	<a href="#">get it</a>		
	GP-05 18/06/2001	4 . 3 . 0	<a href="#">get it</a>		
	edito 29/06/2001	4 . 3 . 1	<a href="#">get it</a>		
	GP-06 10/09/2001	4 . 4 . 0	<a href="#">get it</a>		
	GP-09 06/05/2002	4 . 5 . 0	<a href="#">get it</a>		

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<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> 4.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha		NOKIA Corporation
	<i>freeze_meeting:</i> SP-11		<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	NP-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	

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<b>TS 48.031</b>	<b>Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-04		Peter Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-04 04/05/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	GP-05 18/06/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	

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<b>TS 48.051</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects</b>					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0 GP-07 08/01/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			
		<a href="#">get it</a>				
<hr/>						
<b>TS 48.052</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles</b>					
Rel-4	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0 edito 15/05/2001 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			
		<a href="#">get it</a>				
<hr/>						
<b>TS 48.054</b>	<b>BSC-BTS : Layer 1 Structure of Physical Circuits</b>					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			
		<a href="#">get it</a>				
<hr/>						
<b>TS 48.056</b>	<b>BSC-BTS Layer 2 Specification</b>					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			
		<a href="#">get it</a>				
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<b>TS 48.058</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification</b>					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0 GP-08 19/02/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			
		<a href="#">get it</a>				

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<b>TS 48.060</b>	<b>In-band control of remote transcoders and rate adaptors for full rate traffic channels</b>						
Rel-4	current version: 4.1.0 freeze_meeting: GP-04	WG (prime / other): G1 / -	rporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
		G: yes U:	MCC: USAI, Paolino				
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 edito 28/05/2001 4 . 0 . 1 GP-08 19/02/2002 4 . 1 . 0	<a href="#">get it</a>	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
		<a href="#">get it</a>	remarks - this release:				
		<a href="#">get it</a>					

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<b>TS 48.061</b>	<b>In-band control of remote transcoders and rate adaptors for half rate traffic channels</b>						
Rel-4	current version: 4.1.1 freeze_meeting: GP-04	WG (prime / other): G1 / NP	rporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
		G: yes U:	MCC: USAI, Paolino				
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 GP-08 19/02/2002 4 . 1 . 0	<a href="#">get it</a>	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
		<a href="#">get it</a>	remarks - this release: Cover sheet still shows version 4.0.0 and wrong date.				
	editorial pody GP-08 20/03/2002 4 . 1 . 1	<a href="#">get it</a>					

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<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	current version: 4.3.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
		G: yes U:	MCC: THOMASEN, Gert				
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 GP-06 14/09/2001 4 . 1 . 0 GP-07 08/01/2002 4 . 2 . 0 GP-08 19/02/2002 4 . 3 . 0	<a href="#">get it</a>	remarks - general:				
		<a href="#">get it</a>	remarks - this release:				
		<a href="#">get it</a>					
		<a href="#">get it</a>					

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Rel-4 49 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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

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Server ACTIVE specs Rel-4 49 .- series  
[http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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## TR 49.001 General network interworking scenarios

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* VACANT,  
G: yes U: MCC: KYMALAINEN, Kimmo

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

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## TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 11/04/2001 4 . 0 . 0

*WG (prime / other):* N1 / - *rapporteur:* JUKIC, Zdravko Telefon AB LM Ericsson  
G: yes U: MCC: JORGENSEN, Per Johan

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

---

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

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* GP-04  
*history (event, available, version,*  
GP-04 04/05/2001 4 . 0 . 0  
edito 03/10/2001 4 . 0 . 1  
GP-06 14/09/2001 4 . 1 . 0  
edito 03/10/2001 4 . 1 . 1  
GP-07 08/01/2002 4 . 2 . 0

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

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

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Rel-4 50 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

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## TR 50.059 Enhanced Data rates for GSM Evolution (EDGE); Project scheduling and open issues for EDGE

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
GP-04 11/04/2001 4 . 0 . 0  
edito 01/10/2001 4 . 0 . 1

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

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

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

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Server ACTIVE specs Rel-4 50 .- series  
[http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

Rel-4 51 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

## TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification

Rel-4 current version: 4.8.0 WG (prime / other): G5 / S1 / rapporteur: HU, Shicheng ETSI Secretariat  
freeze\_meeting: SP-11 NP / T2 / SCP / G4

G: yes U: MCC: SALMERON, Lidia

### history (event, available, version,

conversion from	01/08/2000	4	.	0	.	1
11.10-1 v9.0.1						
edito	24/10/2000	4	.	0	.	2
GP-02	01/12/2000	4	.	1	.	0
edito to correct	01/12/2000	4	.	1	.	1
Release						
edito	17/01/2001	4	.	1	.	2
GP-03	22/01/2001	4	.	2	.	0
GP-04	11/04/2001	4	.	3	.	0
GP-05	05/06/2001	4	.	4	.	0
GP-06	31/08/2001	4	.	5	.	0
GP-07	09/01/2002	4	.	6	.	0
GP-08	26/02/2002	4	.	7	.	0
GP-09	03/05/2002	4	.	8	.	0

[get it](#)

remarks - general: 2001-11-19: G4->G5.

remarks - this release: #32:9.0.0 MCC-converted Aug00:4.0.1

[get it](#)

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Server ACTIVE specs Rel-4 51 .- series  
[http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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## TS 51.010-2 Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Rel-4 *current version:* 4.5.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-14 NP /

T2 /  
SCP

/ G4

G: yes U: MCC: SALMERON, Lidia

*history (event, available, version,*

GP-02 1 . 0 . 0

GP-04 11/04/2001 4 . 0 . 0

GP-05 05/06/2001 4 . 1 . 0

GP-06 31/08/2001 4 . 2 . 0

GP-07 09/01/2002 4 . 3 . 0

GP-07 minor 18/01/2002 4 . 3 . 1

editorial

GP-08 26/02/2002 4 . 4 . 0

GP-09 29/04/2002 4 . 5 . 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](#)

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## TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-11 NP /

T2 /  
SCP

/ G4

G: yes U: MCC: SALMERON, Lidia

*history (event, available, version,*

GERSAN-1 06/09/2000 4 . 0 . 0

edito 24/10/2000 4 . 0 . 1

GP-02 30/11/2000 4 . 1 . 0

GP-05 28/06/2001 4 . 2 . 0

GP-06 14/09/2001 4 . 3 . 0

GP-07 21/01/2002 4 . 4 . 0

GP-08 19/02/2002 4 . 5 . 0

GP-09 29/04/2002 4 . 6 . 0

[get it](#) *remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

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Server ACTIVE specs Rel-4 51 .- series  
[http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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<b>TS 51.010-4</b>	<b>Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification</b>								
Rel-4	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> G5 / G4, T3	<i>rapporteur:</i> HU, Shicheng	ETSI Secretariat				
	<i>freeze_meeting:</i> SP-14								
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> SALMERON, Lidia					
	TP-14 02/01/2002	0 . 0 . 1							
			<a href="#">get it</a>	<i>remarks - general:</i> 2001-11-19: G4->G5. TP-14: may be txferred to T3.					
				<i>remarks - this release:</i> .					
<hr/>									
<b>TS 51.011</b>	<b>Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface</b>								
Rel-4	<i>current version:</i> 4.4.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.				
	<i>freeze_meeting:</i> SP-11		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version,</i>								
	TP-11 09/04/2001	4 . 0 . 0							
	TP-12 06/07/2001	4 . 1 . 0							
	TP-13 11/10/2001	4 . 2 . 0							
	TP-14 17/01/2002	4 . 3 . 0							
	TP-16	4 . 4 . 0							
			<a href="#">get it</a>	<i>remarks - general:</i> TP-14: talk of changing title to "Characteristics of the SIM application".					
			<a href="#">get it</a>	<i>remarks - this release:</i> TP-14: At TP-11 it was decided that there would be no need for a Rel-5 version, since by then all terminals will handle a common USIM. But the question still seems					
				to be open. TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version					
<hr/>									
<b>TS 51.013</b>	<b>Test specification for SIM API for Java card</b>								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LLOBREGAT, Fernando	OBERTHUR CARD SYSTEMS S.A.				
	<i>freeze_meeting:</i> TP-21		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version,</i>								
	TP-16	1 . 0 . 0							
				<i>remarks - general:</i>					
				<i>remarks - this release:</i> TP-15: New WI approved in TP-020029.					
<hr/>									
<b>TS 51.021</b>	<b>GSM radio aspects base station system equipment specification</b>								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-13		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	GP-07 11/01/2002	4 . 0 . 0							
			<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
<b>TS 51.026</b>	<b>GSM Repeater Equipment Specification</b>								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-13		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	post-TSG-14 23/01/2002	4 . 0 . 0							
			<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					

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Server ACTIVE specs Rel-4 51 .- series  
[http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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Rel-4 **52** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

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**TS 52.021 Network Management (NM) Procedures and Messages on the A-bis Interface**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-09 06/05/2002 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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**TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-13 *G: yes U:* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-13 05/10/2001 4 . 0 . 0 formerly 32.402 [get it](#) *remarks - general:* SP-13: replaces 32.402.  
SP-16 4 . 1 . 0 *remarks - this release:* .

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## R99

R99 **01** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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Server ACTIVE specs R99 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TS 01.01 GSM Release 1999 Specifications

R99 current version: 8.6.0

freeze\_meeting:

WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat

G: yes U: MCC: POPE, Maurice

history (event, available, version,

draft 01/08/1999 0 . 0 . 0

draft 01/08/1999 0 . 0 . 1

mods to draft 01/09/1999 0 . 0 . 2

more mods 07/09/1999 0 . 0 . 3

WOME cmts 15/09/1999 0 . 1 . 0

included

Becomes T2/smg4 21/09/1999 0 . 2 . 0

responsibility

draft 04/08/2000 0 . 3 . 0

editorials 01/10/1999 0 . 3 . 0

align with 21.101 07/10/1999 0 . 4 . 0

smg-30 11/11/1999 1 . 0 . 0

align with 21.101 30/11/1999 1 . 1 . 0

smg-31 bis 2 . 0 . 0

smg-32 20/06/2000 8 . 0 . 0

SP-10 04/01/2001 8 . 1 . 0

SP-12 05/07/2001 8 . 2 . 0

SP-13 01/10/2001 8 . 3 . 0

SP-14 03/01/2002 8 . 4 . 0

SP-15 27/03/2002 8 . 5 . 0

SP-16 8 . 6 . 0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

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Alignment with 21.101: 1.1.0.

[get it](#)

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## TR 01.04 Abbreviations and acronyms

R99 current version: 8.0.0

freeze\_meeting:

WG (prime / other): GP / - rapporteur: CLAYTON, Michael ETSI Secretariat

G: yes U: MCC: USAI, Paolino

history (event, available, version,

upgrade to R99 10/05/2000 8 . 0 . 0

[get it](#) remarks - general:

remarks - this release: .

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					Server	ACTIVE specs R99 01 .- series <a href="http://www.3gpp.org/ftp/Specs/archive/01_series">http://www.3gpp.org/ftp/Specs/archive/01_series</a>
<b>TR 01.31</b>	<b>Fraud Information Gathering System (FIGS); Service requirements; Stage 0</b>					
R99	current version: 8.0.0 freeze_meeting:	WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim			Indicate persons who left Company and wait for new One
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0	G: yes U:	MCC: POPE, Maurice			
		<a href="#">get it</a>	remarks - general: remarks - this release: .			
<b>TR 01.33</b>	<b>Lawful Interception requirements for GSM</b>					
R99	current version: 8.0.0 freeze_meeting:	WG (prime / other): S3 / -	rapporteur: MCKIBBEN, Bernie			MOTOROLA GmbH
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0	G: yes U:	MCC: POPE, Maurice			
		<a href="#">get it</a>	remarks - general: remarks - this release: .			
<b>TS 01.61</b>	<b>General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements</b>					
R99	current version: 8.0.0 freeze_meeting:	WG (prime / other): S3 / -	rapporteur: WALKER, Michael			VODAFONE Group Plc
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0	G: yes U:	MCC: POPE, Maurice			
		<a href="#">get it</a>	remarks - general: remarks - this release: .			
<hr/>						
	R99	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 02.09</b>	<b>Security aspects</b>					
R99	current version: 8.0.1 freeze_meeting:	WG (prime / other): S3 / S1 / NP	rapporteur: CHRISTOFFERSSON, Per			TELIA PROMOTOR AB
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0 ETSI publication 05/06/2001 8 . 0 . 1	G: yes U:	MCC: POPE, Maurice			
		<a href="#">get it</a>	remarks - general: remarks - this release: .			
		<a href="#">get it</a>				

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

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[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>								
R99	current version: 8.0.0	WG (prime / other):	T3 / S1	rapporteur:	HOOKER, Philip	ORANGE PCS LTD			
	freeze_meeting:	G: yes U:		MCC:	DIETZE, Claus				
	history (event, available, version,								
	smg-30 11/11/1999								
	8 . 0 . 0								
				<a href="#">get it</a>	remarks - general:				
					remarks - this release:				
<b>TS 02.19</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API); Stage 1</b>								
R99	current version: 8.0.0	WG (prime / other):	T3 / -	rapporteur:	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A			
	freeze_meeting: SP-12	G: yes U:		MCC:	DIETZE, Claus				
	history (event, available, version,								
	TP-12 01/02/2002								
	8 . 0 . 0								
	delayed awaiting 11.14								
				<a href="#">get it</a>	remarks - general:	SMG9->T3@#31			
					remarks - this release:	Target: Mid-2001; must await stable 11.14 R99. TP-12: approved. 2002-01-31: (Sanders) reinstated to fill the gap between R98 and Rel-4!			
<b>TS 02.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 1</b>								
R99	current version: 8.0.1	WG (prime / other):	S3 /	rapporteur:	WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	freeze_meeting:	G: yes U:		MCC:	POPE, Maurice				
	history (event, available, version,								
	Upgrade to R99 30/06/2000								
	8 . 0 . 0								
	ETSI publication 05/06/2001								
	8 . 0 . 1								
				<a href="#">get it</a>	remarks - general:				
				<a href="#">get it</a>	remarks - this release:	.			
<b>TS 02.33</b>	<b>Lawful Interception (LI); Stage 1</b>								
R99	current version: 8.0.1	WG (prime / other):	S3 /	rapporteur:	MCKIBBEN, Bernie	MOTOROLA GmbH			
	freeze_meeting:	G: yes U:		MCC:	POPE, Maurice				
	history (event, available, version,								
	Upgrade to R99 14/04/2000								
	8 . 0 . 0								
	ETSI publication 05/06/2001								
	8 . 0 . 1								
				<a href="#">get it</a>	remarks - general:				
				<a href="#">get it</a>	remarks - this release:	.			
<b>TS 02.43</b>	<b>Support of Localised Service Area (SoLSA); Service description; Stage 1</b>								
R99	current version: 8.0.0	WG (prime / other):	S1 /	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-11 02/05/2001								
	8 . 0 . 0								
				<a href="#">get it</a>	remarks - general:				
					remarks - this release:	TSG#11:R98 upgraded to Rel-4 (42.043) so assume we need a Rel-1999 version			

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Server ACTIVE specs R99 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.48</b>	<b>Security mechanisms for the SIM Application Toolkit; Stage 1</b>						
R99	current version: 8.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd	
	freeze_meeting:	G: yes	U:	MCC:	DIETZE, Claus		
	history (event, available, version,						
	Upgrade to R99 17/05/2000			<a href="#">get it</a>	remarks - general: SMG9->T3@#31		
					remarks - this release: .		
<b>TS 02.53</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>						
R99	current version: 8.0.1	WG (prime / other):	S4 /	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino		
	history (event, available, version,						
	upgrade to R99 16/11/2000			<a href="#">get it</a>	remarks - general: SMG11->S4 at SMG#30		
	ETSI publication				remarks - this release: Nov-00: Created to fill the gap.		
	(not for 3GPP server)						
<b>TS 02.56</b>	<b>GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1</b>						
R99	current version: 8.0.1	WG (prime / other):	S1 / -	rapporteur:	GALLIGO, Michel	ALCATEL S.A.	
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	Upgrade to R99 01/05/2000			<a href="#">get it</a>	remarks - general:		
	ETSI publication 17/10/2000			<a href="#">get it</a>	remarks - this release: .		
<b>TS 02.68</b>	<b>Voice Group Call Service (VGCS); Stage 1</b>						
R99	current version: 8.1.0	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,						
	smg-31 30/11/2000			<a href="#">get it</a>	remarks - general:		
	SP-10 12/01/2001			<a href="#">get it</a>	remarks - this release:		
<b>TS 02.69</b>	<b>Voice Broadcast Service (VBS); Stage 1</b>						
R99	current version: 8.1.0	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,						
	Upgrade to R99 10/05/2000			<a href="#">get it</a>	remarks - general:		
	ETSI publication 17/10/2000			<a href="#">get it</a>	remarks - this release: . TSG#10:8.1.0		
	SP-10 12/01/2001			<a href="#">get it</a>			

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[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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<b>TS 02.76</b>	<b>Noise Suppression for the AMR</b>					
R99	current version: 8.0.1		WG (prime / other): S4 / -	rapporteur: USAI, Paolino	ETSI Secretariat	
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,					
	smg-29	2 . 0 . 0				remarks - general:
	SP-07 17/03/2000	8 . 0 . 0				remarks - this release:
	ETSI publication	8 . 0 . 1				
	(not for 3GPP					
	server)					
<hr/>						
<b>TS 02.94</b>	<b>Follow Me Service description; Stage 1</b>					
R99	current version: 8.0.0		WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	ETSI Secretariat	
	freeze_meeting:		G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,					
	smg-28	1 . 0 . 0				remarks - general:
	smg-30 11/11/1999	8 . 0 . 0				remarks - this release: #28: 1.0.0 #30: 8.0.0 August 2001: still debating whether this is GSM-only or
<hr/>						
<b>TS 02.95</b>	<b>Support of Private Numbering Plan (SPNP); Service description; Stage 1</b>					
R99	current version: 8.0.0		WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	ETSI Secretariat	
	freeze_meeting:		G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,					
	SP-07 17/03/2000	8 . 0 . 0				remarks - general:
						remarks - this release: .

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R99 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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<b>TR 03.05</b>	<b>Technical performance objectives</b>					
R99	current version: 8.0.0		WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting:		G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,					
	Upgrade to R99 30/06/2000	8 . 0 . 0				remarks - general:
						remarks - this release: .

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<b>TS 03.10</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</b>					
R99	current version: 8.3.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting:	G: yes U:		MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	smg-29 30/06/1999			<a href="#">get it</a>	remarks - general:	
	NP-06 17/12/1999			<a href="#">get it</a>	remarks - this release:	
	NP-09 18/10/2000			<a href="#">get it</a>		
	NP-10 21/12/2000			<a href="#">get it</a>		
<b>TS 03.13</b>	<b>Discontinuous Reception (DRX) in the GSM System</b>					
R99	current version: 8.0.0	WG (prime / other):	G1 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	Upgrade to R99 29/03/2000			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	
<b>TS 03.19</b>	<b>GSM API for SIM toolkit stage 2</b>					
R99	current version: 8.4.0	WG (prime / other):	T3 / -	rapporteur:	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A
	freeze_meeting:	G: yes U:		MCC:	DIETZE, Claus	
	history (event, available, version,					
	Upgrade to R99 27/07/2001			<a href="#">get it</a>	remarks - general:	SMG9->T3@#31
	TP-11 27/07/2001			<a href="#">get it</a>	remarks - this release:	Target: Mid-2001; must await stable 11.14 R99. TSG#10:8.0.0 TSG#11:8.1.0
	TP-12 27/07/2001			<a href="#">get it</a>		
	TP-14 17/01/2002			<a href="#">get it</a>		
	TP-16					
<b>TS 03.20</b>	<b>Security-related Network Functions</b>					
R99	current version: 8.1.0	WG (prime / other):	S3 / NP / GP	rapporteur:	NGUYEN NGOC, Sebastien	France Telecom
	freeze_meeting:	G: yes U:		MCC:	POPE, Maurice	
	history (event, available, version,					
	smg-30 24/11/1999			<a href="#">get it</a>	remarks - general:	
	smg-32 20/06/2000			<a href="#">get it</a>	remarks - this release:	

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<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> 8.5.0	<i>WG (prime / other):</i>	G1 / N1	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting:</i>				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 30/06/1999					
	smg-30 11/11/1999					
	smg-30b 06/12/1999					
	smg-31 16/02/2000					
	GP-03 15/02/2001					
	GP-05 29/06/2001					
				<i>remarks - general:</i>	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and	
				<i>remarks - this release:</i>	group receive mode".	
				<a href="#">get it</a>		
				<a href="#">get it</a>		
				<a href="#">get it</a>		
				<a href="#">get it</a>		
				<a href="#">get it</a>		
				<a href="#">get it</a>		

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<b>TR 03.26</b>	<b>Multiband operation of GSM/DCS 1800 by a single operator</b>					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i>	G1 / NP	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting:</i>				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	Upgrade to R99 29/03/2000					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>		.
				<a href="#">get it</a>		

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<b>TR 03.30</b>	<b>Radio Network Planning Aspects</b>					
R99	<i>current version:</i> 8.3.0	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	TEGTH, Ulf	TELIA AB
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 30/06/1999					
	smg-30 11/11/1999					
	smg-30 bis 06/12/1999					
	smg-31 16/02/2000					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0	
				<a href="#">get it</a>		
				<a href="#">get it</a>		
				<a href="#">get it</a>		
				<a href="#">get it</a>		

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<b>TS 03.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 2</b>					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>					
		<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>					
	Upgrade to R99 30/06/2000					
				<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.	
				<a href="#">get it</a>		

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<b>TS 03.33</b>	<b>Lawful Interception; Stage 2</b>								
R99	current version: 8.1.0		WG (prime / other): S3 / -	rapporteur: MCKIBBEN, Bernie	MOTOROLA GmbH				
	freeze_meeting:		G: yes U:	MCC: POPE, Maurice					
	history (event, available, version,								
	Upgrade to R99 30/06/2000	8 . 0 . 0							
	SP-10 21/12/2000	8 . 1 . 0	<a href="#">get it</a>	remarks - general:					
			<a href="#">get it</a>	remarks - this release: TSG#10:8.1.0					
<b>TS 03.45</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>								
R99	current version: 8.0.1		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat				
	freeze_meeting:		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version,								
	smg-29 30/06/1999	8 . 0 . 0	<a href="#">get it</a>	remarks - general:					
	ETSI publication 30/10/2001	8 . 0 . 1	<a href="#">get it</a>	remarks - this release:					
<b>TS 03.46</b>	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b>								
R99	current version: 8.0.1		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat				
	freeze_meeting:		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version,								
	NP-06 17/12/1999	8 . 0 . 0 (source Klehn)	<a href="#">get it</a>	remarks - general:					
	ETSI puboication	8 . 0 . 1		remarks - this release:					
<b>TS 03.48</b>	<b>Security mechanisms for SIM application toolkit; Stage 2</b>								
R99	current version: 8.8.0		WG (prime / other): T3 / -	rapporteur: BARNES, Nigel	MOTOROLA Ltd				
	freeze_meeting:		G: yes U:	MCC: DIETZE, Claus					
	history (event, available, version,								
	smg-29 30/06/1999	8 . 0 . 0	<a href="#">get it</a>	remarks - general: SMG9->T3@#31					
	smg-30 11/11/1999	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:					
	smg-31 16/02/2000	8 . 2 . 0	<a href="#">get it</a>						
	TP-08 28/06/2000	8 . 3 . 0	<a href="#">get it</a>						
	TP-09 18/10/2000	8 . 4 . 0	<a href="#">get it</a>						
	TP-11 09/04/2001	8 . 5 . 0	<a href="#">get it</a>						
	TP-12 06/07/2001	8 . 6 . 0	<a href="#">get it</a>						
	TP-13 12/10/2001	8 . 7 . 0	<a href="#">get it</a>						
	TP-14 17/01/2002	8 . 8 . 0	<a href="#">get it</a>						

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<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>						
R99	current version: 8.1.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	ETSI Secretariat			
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,						
	Upgrade to R99 29/03/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	ETSI publication 22/09/2000	8 . 0 . 1	<a href="#">get it</a>	remarks - this release: #32:8.1.0			
	smg-32 20/06/2000	8 . 1 . 0	<a href="#">get it</a>				
	ETSI publication 29/11/2000	8 . 1 . 1	<a href="#">get it</a>				
<b>TS 03.52</b>	<b>Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2</b>						
R99	current version: 8.0.1	WG (prime / other): G1 / -	rapporteur: GIRAUD, Alexis	ALCATEL S.A.			
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,						
	Upgrade to R99 29/03/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	ETSI publication 29/09/2000	8 . 0 . 1	<a href="#">get it</a>	remarks - this release: .			
<b>TS 03.53</b>	<b>Tandem Free Operation (TFO); Service description; Stage 2</b>						
R99	current version: 8.0.0	WG (prime / other): S4 / NP /	rapporteur: FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)			
	freeze_meeting:	S2	MCC: USAI, Paolino				
	history (event, available, version,	G: yes U:					
	Upgrade to R99 30/03/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general: Mar00: prime responsibility txfrd to SMG11			
				remarks - this release: .			
<b>TS 03.55</b>	<b>Dual Transfer Mode (DTM); Stage 2</b>						
R99	current version: 8.0.0	WG (prime / other): G1 / G2	rapporteur: CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc			
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,						
	GP-02 05/01/2001	8 . 0 . 0	<a href="#">get it</a>	remarks - general:			
				remarks - this release: GERAN#2: 8.0.0			
<b>TR 03.58</b>	<b>Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)</b>						
R99	current version: 8.0.0	WG (prime / other): S4 / -	rapporteur: MONFORT, Jean-Yves	France Telecom			
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,						
	Upgrade to R99 30/03/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:			
				remarks - this release: .			

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## TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R99 current version: 8.10.0 WG (prime / other): G1 / - rapporteur: LEPPISAARI, Arto NOKIA Corporation  
freeze\_meeting: G: yes U: MCC: USAI, Paolino

history (event, available, version, [get it](#) remarks - general:  
smg-29 30/06/1999 8 . 0 . 0 [get it](#) remarks - this release:  
smg-30 11/11/1999 8 . 1 . 0 [get it](#)  
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#)  
smg-31 16/02/2000 8 . 3 . 0 [get it](#)  
smg-31 bis 17/04/2000 8 . 4 . 0 [get it](#)  
smg-32 20/06/2000 8 . 5 . 0 [get it](#)  
GP-01 09/10/2000 8 . 6 . 0 [get it](#)  
GP-03 15/02/2001 8 . 7 . 0 [get it](#)  
GP-04 20/04/2001 8 . 8 . 0 [get it](#)  
GP-07 04/01/2002 8 . 9 . 0 [get it](#)  
GP-08 19/02/2002 8 . 10 . 0 [get it](#)

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## TS 03.68 Voice Group Call Service (VGCS); Stage 2

R99 current version: 8.2.0 WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)  
freeze\_meeting: G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version, [get it](#) remarks - general:  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) remarks - this release: #31: 8.0.0 TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0  
NP-07 17/03/2000 8 . 1 . 0 [get it](#)  
smg-32 20/06/2000 8 . 2 . 0 [get it](#)

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## TS 03.69 Voice Broadcast service (VBS); Stage 2

R99 current version: 8.2.0 WG (prime / other): N1 / - rapporteur: MÜNNING, Dirk DETECON GMBH  
freeze\_meeting: G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version, [get it](#) remarks - general:  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) remarks - this release: TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0  
NP-07 17/03/2000 8 . 1 . 0 [get it](#)  
smg-32 20/06/2000 8 . 2 . 0 [get it](#)

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## TS 03.71 Location Services (LCS); Functional description; Stage 2

R99 current version: 8.6.0

freeze\_meeting:

WG (prime / other): S2 / - rapporteur: BROOK, Richard

SAMSUNG Electronics Research Institute

G: yes U:

MCC: SULTAN, Alain

history (event, available, version,

Upgrade to R99 30/06/2000 8 . 0 . 0

SP-11 11/04/2001 8 . 1 . 0

SP-12 29/06/2001 8 . 2 . 0

SP-13 15/10/2001 8 . 3 . 0

SP-14 07/01/2002 8 . 4 . 0

SP-15 02/04/2002 8 . 5 . 0

SP-16 8 . 6 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: Need identified at TSG#7, since 23.171 does not cover GSM.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R99 current version: 8.0.0

freeze\_meeting: SP-16

WG (prime / other): N4 / -

rapporteur: KYMALAINEN, Kimmo ETSI Secretariat

G: yes U:

MCC: KYMALAINEN, Kimmo

history (event, available, version,

SP-16 8 . 0 . 0 technically identical to 23.073 v3.0.1

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.

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04 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R99 current version: 8.0.0

freeze\_meeting:

WG (prime / other): N1 / -

rapporteur: ANDERSEN, Niels MOTOROLA A/S

G: yes U:

MCC: Peter Skov  
JORGENSEN, Per Johan

history (event, available, version,

smg-31 16/02/2000 8 . 0 . 0

[get it](#)

remarks - general:

remarks - this release: #31: 8.0.0

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<b>TS 04.03</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</b>					
R99	current version: 8.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-30 11/11/1999			<a href="#">get it</a>	remarks - general:	
	ETSI publication 07/09/2001			<a href="#">get it</a>	remarks - this release:	
	8 . 0 . 0					
	8 . 0 . 1					
<hr/>						
<b>TS 04.04</b>	<b>Layer 1 - General Requirements</b>					
R99	current version: 8.1.1	WG (prime / other):	G2 / -	rapporteur:	ISAACS, Ken	SIEMENS AG
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-30 11/11/1999			<a href="#">get it</a>	remarks - general:	
	smg-30 bis 06/12/1999			<a href="#">get it</a>	remarks - this release:	
	ETSI publication 07/09/2001			<a href="#">get it</a>		
	8 . 0 . 0					
	8 . 1 . 0					
	8 . 1 . 1					
<hr/>						
<b>TS 04.05</b>	<b>Data Link (DL) Layer General Aspects</b>					
R99	current version: 8.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	Upgrade to R99 30/03/2000			<a href="#">get it</a>	remarks - general:	
	ETSI publication 22/09/2000			<a href="#">get it</a>	remarks - this release:	
	8 . 0 . 0					
	8 . 0 . 1					
<hr/>						
<b>TS 04.06</b>	<b>Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification</b>					
R99	current version: 8.2.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	Upgrade to R99 30/03/2000			<a href="#">get it</a>	remarks - general:	
	ETSI publication 29/09/2000			<a href="#">get it</a>	remarks - this release:	
	GP-03 31/01/2001			<a href="#">get it</a>		
	edito 31/01/2001			<a href="#">get it</a>		
	GP-08 19/02/2002			<a href="#">get it</a>		
	8 . 0 . 0					
	8 . 0 . 1					
	8 . 1 . 0					
	8 . 1 . 1					
	8 . 2 . 0					

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<b>TS 04.08</b>	<b>Mobile radio interface layer 3 specification</b>								
R99	current version: 8.0.0	WG (prime / other):	N1 / G2	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version, smg-29 30/06/2000								
				<a href="#">get it</a>	remarks - general:		04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert		
					remarks - this release:		#29: 8.0.0 but this should not have been created! (24.008 instead). NP-13: 04.09		
							Thomassen (even numbered CRs!)		
							R99 reinstated until all references corrected (= never!). 2002-02-18: To be		
							withdrawn at NP-15!		
<hr/>									
<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface</b>								
R99	current version: 8.0.0	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: GP-04	G: yes	U:	MCC:	Peter Skov				
	history (event, available, version, GP-04 24/04/2001				THOMASEN, Gert				
				<a href="#">get it</a>	remarks - general:				
					remarks - this release:		Replaces 24.012 R99.		
<hr/>									
<b>TS 04.13</b>	<b>Performance Requirements on Mobile Radio Interface</b>								
R99	current version: 8.0.1	WG (prime / other):	N1 / -	rapporteur:	PUDNEY, Chris	VODAFONE Group Plc			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version, smg-31 16/02/2000								
	ETSI publication 29/08/2000			<a href="#">get it</a>	remarks - general:				
				<a href="#">get it</a>	remarks - this release:		#31: 8.0.0		
<hr/>									
<b>TS 04.14</b>	<b>Individual equipment type requirements and interworking; Special conformance testing functions</b>								
R99	current version: 8.3.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version, Upgrade to R99 30/03/2000								
	smg-32 20/06/2000			<a href="#">get it</a>	remarks - general:				
	GP-04 24/04/2001			<a href="#">get it</a>	remarks - this release:		#32:8.1.0		
	GP-05 18/06/2001			<a href="#">get it</a>					
				<a href="#">get it</a>					

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## TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

R99 current version: 8.14.0

WG (prime / other): G2 / - rapporteur: HOWELL, Andrew

MOTOROLA Ltd

freeze\_meeting:

G: yes U:

MCC: THOMASEN, Gert

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
ETSI publication	05/10/2000	8	.	3	.	1
smg-31 bis	17/04/2000	8	.	4	.	0
ETSI publication	17/10/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
GP-01	11/10/2000	8	.	6	.	0
GP-02	21/12/2000	8	.	7	.	0
GP-03	31/01/2001	8	.	8	.	0
GP-04	04/05/2001	8	.	9	.	0
GP-05	18/06/2001	8	.	10	.	0
GP-06	10/09/2001	8	.	11	.	0
GP-07	08/01/2002	8	.	12	.	0
GP-08	19/02/2002	8	.	13	.	0
GP-09	02/05/2002	8	.	14	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

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## 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:

G: yes U:

MCC: BOSWARTHICK, David

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
NP-08	28/06/2000	8	.	1	.	0
NP-09	18/10/2000	8	.	2	.	0
NP-10	21/12/2000	8	.	3	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #29: 8.0.0 TSG#8:8.1.0 TSG#9:8.2.0 TSG#10:8.3.0

[get it](#)

[get it](#)

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<b>TS 04.31</b>	<b>Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)</b>					
R99	current version: 8.9.0	WG (prime / other):	G2 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	Upgrade to R99	30/03/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-31 bis	17/04/2000	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	GP-02	30/11/2000	8 . 2 . 0	<a href="#">get it</a>		
	GP-03	31/01/2001	8 . 3 . 0	<a href="#">get it</a>		
	GP-04	04/05/2001	8 . 4 . 0	<a href="#">get it</a>		
	GP-05	18/06/2001	8 . 5 . 0	<a href="#">get it</a>		
	GP-06	14/09/2001	8 . 6 . 0	<a href="#">get it</a>		
	GP-07	08/01/2002	8 . 7 . 0	<a href="#">get it</a>		
	GP-08	19/02/2002	8 . 8 . 0	<a href="#">get it</a>		
	GP-09	02/05/2002	8 . 9 . 0	<a href="#">get it</a>		

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<b>TS 04.35</b>	<b>Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods</b>					
R99	current version: 8.4.0	WG (prime / other):	G2 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	Upgrade to R99	30/03/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-31 bis	17/04/2000	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	GP-01	11/10/2000	8 . 2 . 0	<a href="#">get it</a>		
	GP-03	31/01/2001	8 . 3 . 0	<a href="#">get it</a>		
	GP-07	08/01/2002	8 . 4 . 0	<a href="#">get it</a>		

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<b>TS 04.56</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification</b>					
R99	current version: 8.0.1	WG (prime / other):	N1 / -	rapporteur:	HUPPERICH, Peter	Indicate persons who left Company and wait for new One
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-31	16/02/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	ETSI publication	29/08/2000	8 . 0 . 1	<a href="#">get it</a>	remarks - this release: #31: 8.0.0	

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<b>TS 04.57</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification</b>								
R99	current version: 8.0.1	WG (prime / other):	N1 / -	rapporteur:	HUPPERICH, Peter	Indicate persons who left Company and wait for new One			
	freeze_meeting:								
	history (event, available, version,	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	smg-31 16/02/2000						<a href="#">get it</a>	remarks - general:	
	ETSI publication 29/08/2000						<a href="#">get it</a>	remarks - this release: #31: 8.0.0	

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<b>TS 04.60</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol</b>								
R99	current version: 8.14.1	WG (prime / other):	G2 / -	rapporteur:	BLACK, Jyoti	MOTOROLA			
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-29 30/06/1999						<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999						<a href="#">get it</a>	remarks - this release:	
	smg-30 bis 06/12/1999						<a href="#">get it</a>		
	smg-31 16/02/2000						<a href="#">get it</a>		
	ETSI publication 05/10/2000						<a href="#">get it</a>		
	smg-31 bis 17/04/2000						<a href="#">get it</a>		
	ETSI publication 17/10/2000						<a href="#">get it</a>		
	smg-32 20/06/2000						<a href="#">get it</a>		
	GP-01 11/10/2000						<a href="#">get it</a>		
	GP-02 27/11/2000						<a href="#">get it</a>		
	GP-03 31/01/2001						<a href="#">get it</a>		
	GP-04 04/05/2001						<a href="#">get it</a>		
	GP-05 29/06/2001						<a href="#">get it</a>		
	GP-06 14/09/2001						<a href="#">get it</a>		
	GP-07 07/01/2002						<a href="#">get it</a>		
	edito 08/01/2002						<a href="#">get it</a>		
	GP-08 19/02/2002						<a href="#">get it</a>		
	GP-09 03/05/2002						<a href="#">get it</a>		
	edito post GP-09 28/05/2002						<a href="#">get it</a>		

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<b>TS 04.64</b>	<b>General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification</b>				
R99	current version: 8.7.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA GmbH
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-29 30/06/1999	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	Post SP-06 17/12/1999	8 . 2 . 0	<a href="#">get it</a>		
	smg-31 16/02/2000	8 . 3 . 0	<a href="#">get it</a>		
	NP-08 22/06/2000	8 . 4 . 0	<a href="#">get it</a>		
	NP-09 12/10/2000	8 . 5 . 0	<a href="#">get it</a>		
	NP-10 02/01/2001	8 . 6 . 0	<a href="#">get it</a>		
	NP-14 04/01/2002	8 . 7 . 0	<a href="#">get it</a>		

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<b>TS 04.65</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)</b>				
R99	current version: 8.2.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA GmbH
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-31 16/02/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	24.065 existed, but scrapped since 04.65 is GSM only.
	NP-09 12/10/2000	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	NP-13 02/10/2001	8 . 2 . 0	<a href="#">get it</a>		

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<b>TS 04.68</b>	<b>Group Call Control (GCC) Protocol</b>				
R99	current version: 8.1.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-31 16/02/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-07 17/03/2000	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:	

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<b>TS 04.69</b>	<b>Broadcast Call Control (BCC) protocol</b>				
R99	current version: 8.1.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-31 16/02/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-07 17/03/2000	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:	

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**TS 04.71 Location Services (LCS); Mobile radio interface layer 3 specification**

R99 current version: 8.3.0

freeze\_meeting:

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov

G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

Upgrade to R99 30/06/2000 8 . 0 . 0

smg-31 20/03/2000 8 . 1 . 0

GP-05 18/06/2001 8 . 2 . 0

GP-07 08/01/2002 8 . 3 . 0

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[get it](#)

remarks - general: Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.

remarks - this release: #32:8.1.0

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Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.01 Physical Layer on the Radio Path (General Description)**

R99 current version: 8.6.0

freeze\_meeting:

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES

USAI, Paolino

G: yes U:

history (event, available, version,

smg-29 30/06/1999 8 . 0 . 0

smg-30 11/11/1999 8 . 1 . 0

smg-30 bis 06/12/1999 8 . 2 . 0

smg-31 16/02/2000 8 . 3 . 0

smg-32 20/06/2000 8 . 4 . 0

GP-01 09/10/2000 8 . 5 . 0

GP-07 04/01/2002 8 . 6 . 0

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remarks - general:

remarks - this release:

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## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R99 current version: 8.10.0

freeze\_meeting:

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

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

history (event, available, version,

smg-29 30/06/1999 8 . 0 . 1

[get it](#) remarks - general:

smg-30 11/11/1999 8 . 1 . 0

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

smg-30 bis 06/12/1999 8 . 2 . 0

[get it](#)

smg-31 16/02/2000 8 . 3 . 0

[get it](#)

smg-31 bis 17/04/2000 8 . 4 . 0

[get it](#)

ETSI publication 8 . 4 . 1

smg-32 20/06/2000 8 . 5 . 0

[get it](#)

ETSI publication 8 . 5 . 1

GP-01 09/10/2000 8 . 6 . 0

[get it](#)

GP-02 24/11/2000 8 . 7 . 0

[get it](#)

GP-03 15/02/2001 8 . 8 . 0

[get it](#)

GP-04 20/04/2001 8 . 9 . 0

[get it](#)

GP-06 01/10/2001 8 . 10 . 0

[get it](#)

## TS 05.03 Channel coding

R99 current version: 8.6.1

freeze\_meeting:

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

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

history (event, available, version,

smg-29 30/06/1999 8 . 0 . 0

[get it](#) remarks - general:

smg-30 11/11/1999 8 . 1 . 0

[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

smg-30 bis 06/12/1999 8 . 2 . 0

[get it](#)

smg-31 16/02/2000 8 . 3 . 0

[get it](#)

smg-31 bis 17/04/2000 8 . 4 . 0

[get it](#)

ETSI publication 17/10/2000 8 . 4 . 1

smg-32 20/06/2000 8 . 5 . 0

[get it](#)

GP-02 24/11/2000 8 . 6 . 0

[get it](#)

edito 15/02/2001 8 . 6 . 1

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## TS 05.04 Modulation

R99 current version: 8.4.0

freeze\_meeting:

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-28 12/02/1999 8 . 0 . 0

[get it](#) remarks - general:

smg-30 bis 06/12/1999 8 . 1 . 0

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

edito 02/12/2000 8 . 1 . 1

[get it](#)

ETSI publication 21/02/2001 8 . 1 . 2

[get it](#)

GP-03 15/02/2001 8 . 2 . 0

[get it](#)

GP-05 29/06/2001 8 . 3 . 0

[get it](#)

GP-07 04/01/2002 8 . 4 . 0

[get it](#)

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## TS 05.05 Radio Transmission and Reception

R99 current version: 8.12.0

freeze\_meeting:

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

USAI, Paolino

G: yes U:

history (event, available, version,

smg-29 30/06/1999 8 . 0 . 0

[get it](#) remarks - general:

smg-30 11/11/1999 8 . 1 . 0

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

smg-30 bis 06/12/1999 8 . 2 . 0

[get it](#)

smg-31 16/02/2000 8 . 3 . 0

[get it](#)

ETSI publication 29/09/2000 8 . 3 . 1

[get it](#)

smg-31 bis 17/04/2000 8 . 4 . 0

[get it](#)

smg-32 20/06/2000 8 . 5 . 0

[get it](#)

GP-01 10/10/2000 8 . 6 . 0

[get it](#)

GP-02 24/11/2000 8 . 7 . 0

[get it](#)

edito 30/11/2000 8 . 7 . 1

[get it](#)

GP-03 15/02/2001 8 . 8 . 0

[get it](#)

GP-04 20/04/2001 8 . 9 . 0

[get it](#)

GP-05 29/06/2001 8 . 10 . 0

[get it](#)

GP-06 01/10/2001 8 . 11 . 0

[get it](#)

GP-09 06/05/2002 8 . 12 . 0

[get it](#)

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## TS 05.08 Radio Subsystem Link Control

R99 current version: 8.14.0

freeze\_meeting:

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

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
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

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

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## TS 05.09 Link adaptation

R99 current version: 8.5.0

freeze\_meeting:

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

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-31	16/02/2000	8	.	0	.	0
ETSI publication	05/10/2000	8	.	0	.	1
smg-32	20/06/2000	8	.	1	.	0
GP-02	24/11/2000	8	.	2	.	0
GP-03	15/01/2001	8	.	3	.	0
GP-06	01/10/2001	8	.	4	.	0
GP-07	04/01/2002	8	.	5	.	0

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

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[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: 8.9.0

freeze\_meeting:

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-30 11/11/1999 8 . 0 . 0

[get it](#) remarks - general:

smg-30 bis 06/12/1999 8 . 1 . 0

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

smg-31 16/02/1999 8 . 2 . 0

[get it](#)

ETSI publication 29/09/2000 8 . 2 . 1

[get it](#)

smg-31 bis 17/04/2000 8 . 3 . 0

[get it](#)

smg-32 20/06/2000 8 . 4 . 0

[get it](#)

GP-01 10/10/2000 8 . 5 . 0

[get it](#)

GP-02 24/11/2000 8 . 6 . 0

[get it](#)

edito 30/11/2000 8 . 6 . 1

[get it](#)

GP-03 15/02/2001 8 . 7 . 0

[get it](#)

GP-04 20/04/2001 8 . 8 . 0

[get it](#)

GP-08 19/02/2002 8 . 9 . 0

[get it](#)

## TR 05.22 Radio link management in hierarchical networks

R99 current version: 8.0.0

freeze\_meeting:

WG (prime / other): G1 / - rapporteur: VAN BUSSEL, Han

T-MOBILE DEUTSCHLAND

G: yes U: MCC: USAI, Paolino

history (event, available, version,

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:

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

MOTOROLA A/S

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-30 11/11/1999 8 . 0 . 0

[get it](#) remarks - general:

smg-31 16/02/2000 8 . 1 . 0

[get it](#) remarks - this release: #30: 8.0.0 #31:8.1.0 #31b:8.2.0

smg-31 bis 17/04/2000 8 . 2 . 0

[get it](#)

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Server ACTIVE specs R99 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.56 CTS-FP Radio Sub-system**  
R99 *current version:* 8.0.1 *freeze\_meeting:* WG (prime / other): G1 / - *rapporteur:* USAI, Paolino ETSI Secretariat  
G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 17/10/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

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R99 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.01 Full Rate Speech Processing Functions**  
R99 *current version:* 8.0.1 *freeze\_meeting:* WG (prime / other): S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat  
G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

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**TS 06.02 Half Rate Speech Processing Functions**  
R99 *current version:* 8.0.0 *freeze\_meeting:* WG (prime / other): S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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**TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec**  
R99 *current version:* 8.0.1 *freeze\_meeting:* WG (prime / other): S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

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[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

<b>TS 06.07</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>									
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd				
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino					
	history (event, available, version,									
	smg-31 16/02/2000	8	.	0	.	0		<a href="#">get it</a>	remarks - general:	
	ETSI Publication 15/11/2000	8	.	0	.	1		<a href="#">get it</a>	remarks - this release: .	
<b>TR 06.08</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>									
R99	current version: 8.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND				
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino					
	history (event, available, version,									
	smg-31 16/02/2000	8	.	0	.	0		<a href="#">get it</a>	remarks - general:	
									remarks - this release: .	
<b>TS 06.10</b>	<b>Full Rate Speech Transcoding</b>									
R99	current version: 8.2.0	WG (prime / other):	S4 / -	rapporteur:	LORENZ, Dietmar	PHILIPS Semiconductors				
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino					
	history (event, available, version,									
	smg-31 16/02/2000	8	.	0	.	0		<a href="#">get it</a>	remarks - general:	
	Editorial 31/05/2000	8	.	0	.	1		<a href="#">get it</a>	remarks - this release:	
	smg-32 20/06/2000	8	.	1	.	0		<a href="#">get it</a>		
	ETSI Publication 30/11/2000	8	.	1	.	1		<a href="#">get it</a>		
	SP-12 29/06/2001	8	.	2	.	0		<a href="#">get it</a>		
<b>TS 06.11</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>									
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)				
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino					
	history (event, available, version,									
	smg-31 16/02/2000	8	.	0	.	0		<a href="#">get it</a>	remarks - general:	
	ETSI Publication 15/11/2000	8	.	0	.	1		<a href="#">get it</a>	remarks - this release: .	
<b>TS 06.12</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>									
R99	current version: 8.1.0	WG (prime / other):	S4 / -	rapporteur:	SERENO, Daniele	TELECOM ITALIA S.p.A.				
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino					
	history (event, available, version,									
	smg-31 16/02/2000	8	.	0	.	0		<a href="#">get it</a>	remarks - general:	
	ETSI Publication 15/11/2000	8	.	0	.	1		<a href="#">get it</a>	remarks - this release: .	
	SP-12 29/06/2001	8	.	1	.	0		<a href="#">get it</a>		

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<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:	G: yes	U:	MCC:	USAI, Paolino					
	history (event, available, version,									
	smg-31 16/02/2000	8	. 0	. 0						
	ETSI Publication 15/11/2000	8	. 0	. 1	<a href="#">get it</a>	remarks - general:				
					<a href="#">get it</a>	remarks - this release:	.			
<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:	G: yes	U:	MCC:	USAI, Paolino					
	history (event, available, version,									
	smg-31 16/02/2000	8	. 0	. 0						
	ETSI publicatoin 15/11/2000	8	. 0	. 1	<a href="#">get it</a>	remarks - general:				
					<a href="#">get it</a>	remarks - this release:	.			
<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:	G: yes	U:	MCC:	USAI, Paolino					
	history (event, available, version,									
	smg-31 16/02/2000	8	. 0	. 0						
	ETSI Publication 15/11/2000	8	. 0	. 1	<a href="#">get it</a>	remarks - general:				
					<a href="#">get it</a>	remarks - this release:	.			
<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	ETSI Secretariat				
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino					
	history (event, available, version,									
	smg-31 16/02/2000	8	. 0	. 0						
	ETSI Publication 15/11/2000	8	. 0	. 1	<a href="#">get it</a>	remarks - general:				
					<a href="#">get it</a>	remarks - this release:	.			
<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:	G: yes	U:	MCC:	USAI, Paolino					
	history (event, available, version,									
	smg-31 16/02/2000	8	. 0	. 0						
	ETSI Publication 15/11/2000	8	. 0	. 1	<a href="#">get it</a>	remarks - general:				
					<a href="#">get it</a>	remarks - this release:	.			

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<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	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		<a href="#">get it</a>	remarks - this release: .				
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<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:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		<a href="#">get it</a>	remarks - this release: .				
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<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:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	ETSI publication 15/11/2000	8 . 0 . 1		<a href="#">get it</a>	remarks - this release: #32:8.1.0 TSG#10:8.2.0				
	smg-32 20/06/2000	8 . 1 . 0		<a href="#">get it</a>					
	ETSI publication 30/11/2000	8 . 1 . 1		<a href="#">get it</a>					
	SP-10 20/12/2000	8 . 2 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 06.53</b>	<b>ANSI-C code for the GSM Enhanced full rate speech codec</b>								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
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	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: .				

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## TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R99 current version: 8.2.0  
freeze\_meeting:  
history (event, available, version,  
smg-31 16/02/2000 8 . 0 . 0  
ETSI publication 15/11/2000 8 . 0 . 1  
smg-32 20/06/2000 8 . 1 . 0  
SP-10 20/12/2000 8 . 2 . 0

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: MCC: USAI, Paolino  
[get it](#) remarks - general:  
[get it](#) remarks - this release: #32:8.1.0 TSG#10:8.2.0  
[get it](#)  
[get it](#)

NOKIA Corporation

## TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R99 current version: 8.0.0  
freeze\_meeting:  
history (event, available, version,  
smg-31 16/02/2000 8 . 0 . 0

WG (prime / other): S4 / - rapporteur: SALEM, Tarek  
G: yes U: MCC: USAI, Paolino  
[get it](#) remarks - general:  
remarks - this release: .

T-MOBILE DEUTSCHLAND

## TS 06.60 Enhanced full rate speech transcoding

R99 current version: 8.0.1  
freeze\_meeting:  
history (event, available, version,  
smg-31 16/02/2000 8 . 0 . 0  
ETSI Publication 15/11/2000 8 . 0 . 1

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: MCC: USAI, Paolino  
[get it](#) remarks - general:  
[get it](#) remarks - this release: .

NOKIA Corporation

## TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R99 current version: 8.0.1  
freeze\_meeting:  
history (event, available, version,  
smg-31 16/02/2000 8 . 0 . 0  
ETSI Publication 15/11/2000 8 . 0 . 1

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: MCC: USAI, Paolino  
[get it](#) remarks - general:  
[get it](#) remarks - this release: .

NOKIA Corporation

## TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

R99 current version: 8.0.1  
freeze\_meeting:  
history (event, available, version,  
smg-31 16/02/2000 8 . 0 . 0  
ETSI Publication 15/11/2000 8 . 0 . 1

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari  
G: yes U: MCC: USAI, Paolino  
[get it](#) remarks - general:  
[get it](#) remarks - this release: .

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**TR 06.76 Adaptive Multi-Rate (AMR) speech codec; Study phase report**  
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-07 2 . 0 . 0 *remarks - general:* New at SMG#31. Then became 06.77; new 06.76 has new title.  
SP-07 17/03/2000 8 . 0 . 0 *remarks - this release:*  
fix invisible 10/01/2002 8 . 0 . 1 [get it](#)  
[get it](#)

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**TS 06.77 Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder**  
R99 *current version:* 8.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-32 20/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
SP-11 10/04/2001 8 . 1 . 0 [get it](#) *remarks - this release:* #32:8.0.0 TSG#11:8.1.0  
edito 03/05/2001 8 . 1 . 1 [get it](#)

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**TR 06.78 Results of the AMR noise suppression selection phase**  
R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-32 20/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #32:8.0.0

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**TS 06.81 Discontinuous Transmission (DTX) for encanced full rate speech traffic channels**  
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

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**TS 06.82 Voice Activity Detection (VAD) for encanced full rate speech traffic channels**  
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

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**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 ETSI Secretariat  
freeze\_meeting: G: yes U: MCC: USAI, Paolino  
history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 [get it](#) remarks - general:  
remarks - this release: .

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R99 **08** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.01 General Aspects on the BSS-MSC Interface**  
R99 current version: 8.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
freeze\_meeting: G: yes U: MCC: Peter Skov THOMASEN, Gert  
history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 [get it](#) remarks - general:  
remarks - this release: .

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**TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles**  
R99 current version: 8.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
freeze\_meeting: G: yes U: MCC: Peter Skov THOMASEN, Gert  
history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 [get it](#) remarks - general:  
remarks - this release: .

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**TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification**  
R99 current version: 8.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
freeze\_meeting: G: yes U: MCC: Peter Skov THOMASEN, Gert  
history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 [get it](#) remarks - general:  
remarks - this release: .

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



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Server ACTIVE specs R99 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
R99 *current version: 8.0.0* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: .*

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**TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
R99 *current version: 8.12.0* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*  
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#)  
smg-31 16/02/2000 8 . 3 . 0 [get it](#)  
smg-31 bis 17/04/2000 8 . 4 . 0 [get it](#)  
Fix graphics 16/05/2000 8 . 4 . 1 [get it](#)  
smg-32 20/06/2000 8 . 5 . 0 [get it](#)  
GP-01 11/10/2000 8 . 6 . 0 [get it](#)  
GP-02 27/11/2000 8 . 7 . 0 [get it](#)  
GP-03 31/01/2001 8 . 8 . 0 [get it](#)  
GP-04 04/05/2001 8 . 9 . 0 [get it](#)  
GP-06 14/09/2001 8 . 10 . 0 [get it](#)  
GP-07 08/01/2002 8 . 11 . 0 [get it](#)  
GP-08 19/02/2002 8 . 12 . 0 [get it](#)

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**TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1**  
R99 *current version: 8.0.0* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: .*

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<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	current version: 8.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
	history (event, available, version,	G: yes	U:	MCC:	THOMASEN, Gert				
	smg-31 16/02/2000 8 . 0 . 0								
		<a href="#">get it</a>		remarks - general:					
				remarks - this release:					
<hr/>									
<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	current version: 8.10.0	WG (prime / other):	G2 / -	rapporteur:	BLACK, Jyoti	MOTOROLA			
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-30 11/11/1999 8 . 0 . 0	<a href="#">get it</a>		remarks - general:					
	smg-30 bis 06/12/1999 8 . 1 . 0	<a href="#">get it</a>		remarks - this release:					
	smg-31 16/02/2000 8 . 2 . 0	<a href="#">get it</a>							
	smg-31 bis 17/04/2000 8 . 3 . 0	<a href="#">get it</a>							
	GP-01 11/10/2000 8 . 4 . 0	<a href="#">get it</a>							
	GP-02 30/11/2000 8 . 5 . 0	<a href="#">get it</a>							
	edito 23/01/2001 8 . 5 . 1	<a href="#">get it</a>							
	GP-03 31/01/2001 8 . 6 . 0	<a href="#">get it</a>							
	GP-04 04/05/2001 8 . 7 . 0	<a href="#">get it</a>							
	GP-05 18/06/2001 8 . 8 . 0	<a href="#">get it</a>							
	GP-06 05/10/2001 8 . 9 . 0	<a href="#">get it</a>							
	GP-09 06/05/2002 8 . 10 . 0	<a href="#">get it</a>							
<hr/>									
<b>TS 08.20</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>								
R99	current version: 8.4.1	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-29 30/06/1999 8 . 0 . 0	<a href="#">get it</a>		remarks - general:					
	smg-30 11/11/1999 8 . 1 . 0	<a href="#">get it</a>		remarks - this release:					
	NP-09 18/10/2000 8 . 2 . 0	<a href="#">get it</a>							
	NP-10 21/12/2000 8 . 3 . 0	<a href="#">get it</a>							
	NP-11 04/04/2001 8 . 4 . 0	<a href="#">get it</a>							
	ETSI-format publication	8 . 4 . 1		ETSI publication only - 3GPP tp use					
				8.4.0					

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<b>TS 08.31</b>	<b>Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification</b>						
R99	current version: 8.1.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
	history (event, available, version, Upgrade to R99 11/05/2000 8 . 0 . 0 GP-05 18/06/2001 8 . 1 . 0	G: yes U:	MCC: THOMASEN, Gert			<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: .	
<b>TS 08.51</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>						
R99	current version: 8.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: .	
<b>TS 08.52</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles</b>						
R99	current version: 8.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: .	
<b>TS 08.54</b>	<b>BSC-BTS Layer 1; Structure of Physical Circuits</b>						
R99	current version: 8.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: .	
<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>						
R99	current version: 8.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: .	

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<b>TS 08.58</b>	<b>Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>					
R99	current version: 8.6.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:		Peter Skov			
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	smg-29 30/06/1999	<a href="#">get it</a>	remarks - general:			
	smg-30 11/11/1999	<a href="#">get it</a>	remarks - this release: #29: 8.0.0 #30: 8.1.0 #30: 8.2.0 #31:8.3.0 #31b:8.4.0 GERAN#1:8.5.0			
	smg-30 11/11/1999	<a href="#">get it</a>				
	smg-31 16/02/2000	<a href="#">get it</a>				
	smg-31 bis 17/04/2000	<a href="#">get it</a>				
	GP-01 11/10/2000	<a href="#">get it</a>				
	GP-02 30/11/2000	<a href="#">get it</a>				

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<b>TS 08.60</b>	<b>In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels</b>					
R99	current version: 8.2.0	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:		Peter Skov			
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino			
	smg-30 11/11/1999	<a href="#">get it</a>	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	smg-30 bis 06/12/1999	<a href="#">get it</a>	remarks - this release:			
	ETSI publication 30/10/2001	<a href="#">get it</a>				
	GP-08 19/02/2002	<a href="#">get it</a>				

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<b>TS 08.61</b>	<b>In-band control of remote transcoders and rate adaptors for half rate traffic channels</b>					
R99	current version: 8.1.0	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:		Peter Skov			
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino			
	smg-31 16/02/2000	<a href="#">get it</a>	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	ETSI Publication 15/11/2000	<a href="#">get it</a>	remarks - this release: .			
	GP-08 19/02/2002	<a href="#">get it</a>				

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<b>TS 08.62</b>	<b>Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3</b>					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	SP-07 17/03/2000	<a href="#">get it</a>	remarks - general: SMG11->S4 at SMG#30			
	edito 08/08/2000	<a href="#">get it</a>	remarks - this release: .			

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**TS 08.71 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3**  
R99 *current version:* 8.5.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
smg-31 bis 17/04/2000 8 . 1 . 0 [get it](#) *remarks - this release:*  
GP-02 30/11/2000 8 . 2 . 0 [get it](#)  
GP-06 14/09/2001 8 . 3 . 0 [get it](#)  
GP-07 08/01/2002 8 . 4 . 0 [get it](#)  
GP-08 26/03/2002 8 . 5 . 0 [get it](#)

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R99 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TR 09.01 General Network Interworking Scenarios**  
R99 *current version:* 8.0.0 *WG (prime / other):* N4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: MCC: KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-07 15/03/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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**TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface**  
R99 *current version:* 8.1.0 *WG (prime / other):* N1 / - *rapporteur:* JUKIC, Zdravko Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: MCC: JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
NP-10 02/01/2001 8 . 1 . 0 [get it](#) *remarks - this release:* #31: 8.0.0 TSG#10:8.1.0

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[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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<b>TS 09.31</b>	<b>Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)</b>				
R99	current version: 8.5.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:		Peter Skov		
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert		
	smg-31 16/02/2000				<a href="#">get it</a> remarks - general:
	smg-31 bis 17/04/2000				<a href="#">get it</a> remarks - this release:
	smg-32 20/06/2000				<a href="#">get it</a>
	GP-01 01/09/2000				<a href="#">get it</a>
	GP-06 14/09/2001				<a href="#">get it</a>
	GP-07 08/01/2002				<a href="#">get it</a>

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R99 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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<b>TS 10.56</b>	<b>Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1</b>				
R99	current version: 8.0.0	WG (prime / other): S2 / -	rapporteur: GALLIGO, Michel	ALCATEL S.A.	
	freeze_meeting:	G: yes U:	MCC: SULTAN, Alain		
	history (event, available, version,				
	smg-27 09/02/2000				<a href="#">get it</a> remarks - general:
					remarks - this release:

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<b>TR 10.59</b>	<b>Project scheduling and open issues for EDGE</b>				
R99	current version: 8.0.0	WG (prime / other): G1 / -	rapporteur: MUELLER, Frank	Telefon AB LM Ericsson	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	draft 05/01/2000				<a href="#">get it</a> remarks - general:
	draft 01/04/2000				<a href="#">get it</a> remarks - this release:
	draft 25/05/2000				<a href="#">get it</a>
	smg-32 20/06/2000				<a href="#">get it</a>

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R99 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification**

R99 *current version: 8.3.0*  
*freeze\_meeting:*

*WG (prime / other):* G5 / S1 / rapporteur: SALMERON, Lidia ETSI Secretariat

NP /  
T2 /  
SCP  
/ G4

*G: yes U:* MCC: SALMERON, Lidia

*history (event, available, version,*

smg-31 16/02/2000 8 . 0 . 0

smg-31 16/02/2000 8 . 1 . 0

replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

[get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently  
[get it](#) *remarks - this release:* #32:closed. #32:8.2.0 GP-06: Rel-4 serves all releases. GP-06: reopened and  
reclosed!

ETSI publication 30/10/2000 8 . 1 . 1

smg-32 20/06/2000 8 . 2 . 0

GP-06 14/09/2001 8 . 3 . 0

[get it](#)

[get it](#)

[get it](#)

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**TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface**

R99 *current version: 8.7.0*  
*freeze\_meeting:*

*WG (prime / other):* T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.

*G: yes U:* MCC: DIETZE, Claus

*history (event, available, version,*

smg-29 30/06/1999 8 . 0 . 0

smg-30 11/11/1999 8 . 1 . 0

smg-31 16/02/2000 8 . 2 . 0

smg-32 20/06/2000 8 . 3 . 0

TP-09 18/10/2000 8 . 4 . 0

TP-11 09/04/2001 8 . 5 . 0

TP-14 17/01/2002 8 . 6 . 0

TP-16 8 . 7 . 0

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

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

[get it](#)

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<b>TS 11.14</b>	<b>Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface</b>				
R99	<i>current version:</i> 8.11.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	ASPECTS Software Ltd
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus	
	<i>history (event, available, version,</i>				
	smg-29 30/06/1999	8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-30 11/11/1999	8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> TP-11 to be :withdrawn at TP-12, subsumed in 31.111; however, CR approved at TP-12, so assume not yet withdrawn!	
	smg-31 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	8 . 11 . 0			

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<b>TS 11.21</b>	<b>Base Station System (BSS) equipment specification; Radio aspects</b>				
R99	<i>current version:</i> 8.6.0		<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,	
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino	
	<i>history (event, available, version,</i>				
	smg-30 bis 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>	
	smg-31 bis 17/04/2000	8 . 2 . 0	<a href="#">get it</a>		
	smg-32 20/06/2000	8 . 3 . 0	<a href="#">get it</a>		
	GP-01 01/09/2000	8 . 4 . 0	<a href="#">get it</a>		
	GP-02 24/11/2000	8 . 5 . 0	<a href="#">get it</a>		
	GP-04 18/04/2001	8 . 6 . 0	<a href="#">get it</a>		

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## TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R99 *current version:* 8.0.2 *WG (prime / other):* G3 / - *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-31 bis 17/04/2000 8 . 0 . 0 based on 5.2.1 [get it](#) *remarks - general:*  
start of OAP 24/05/2000 8 . 0 . 1 [get it](#) *remarks - this release:*  
ETSI publication 10/10/2000 8 . 0 . 2 [get it](#)

R99 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.03 Security Management

R99 *current version:* 8.0.0 *WG (prime / other):* S5 / S1 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* NP  
G: yes U: MCC: ZOICAS, Adrian  
*history (event, available, version,*  
Upgrade to R99 19/04/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

## TS 12.04 Performance data measurements

R99 *current version:* 8.1.0 *WG (prime / other):* S5 / S1 / *rapporteur:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* NP  
G: yes U: MCC: ZOICAS, Adrian  
*history (event, available, version,*  
Upgrade to R99 19/04/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
SP-16 8 . 1 . 0 *remarks - this release:*

## TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R99 *current version:* 8.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
GP-09 06/05/2002 8 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.  
*remarks - this release:* GP-09 (Usai) created to fill the Release gap.

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

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## TS 12.71 Location Services (LCS); Location services management

R99 current version: 8.0.1

freeze\_meeting:

history (event, available, version,

draft 22/09/1999 0 . 0 . 1

draft 18/10/1999 0 . 0 . 2

draft 03/12/1999 0 . 0 . 3

draft 22/12/1999 0 . 0 . 4

draft 17/01/2000 0 . 0 . 5

draft 22/05/2000 2 . 0 . 0

draft 25/05/2000 2 . 0 . 1

SP-08 21/06/2000 7 . 0 . 0

SP-08 21/06/2000 8 . 0 . 0

ETSI Publication 30/11/2000 8 . 0 . 1

WG (prime / other): S5 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)

G: yes U: MCC: ZOICAS, Adrian

[get it](#)

remarks - general: TSG#11:S5 will no longer maintain.

[get it](#)

remarks - this release: TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.

[get it](#)

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R99

21 .- series

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

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

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## TS 21.101 3rd Generation mobile system Release 1999 Specifications

R99 current version: 3.8.0

freeze\_meeting: SP-07

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

history (event, available, version,

SP-05	13/10/1999	1	.	0	.	0
SP-06	17/12/1999	2	.	0	.	0
corrections		2	.	2	.	0
SP-07		2	.	3	.	0
SP-07		2	.	4	.	0
SP-07		2	.	5	.	0
SP-07	17/03/2000	3	.	0	.	0
editorial	30/03/2000	3	.	0	.	1
post-SP-08	28/06/2000	3	.	1	.	0
SP-10	04/01/2001	3	.	2	.	0
SP-11	11/04/2001	3	.	3	.	0
SP-12	05/07/2001	3	.	4	.	0
SP-13	01/10/2001	3	.	5	.	0
SP-14	03/01/2002	3	.	6	.	0
SP-15	27/03/2002	3	.	7	.	0
SP-16		3	.	8	.	0

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

## TS 21.111 USIM and IC card requirements

R99 current version: 3.3.0

freeze\_meeting: SP-03

WG (prime / other): T3 / - rapporteur: KALINER, Stefan T-MOBILE DEUTSCHLAND  
G: U: yes MCC: DIETZE, Claus

history (event, available, version,

draft	16/10/1998	0	.	0	.	1
Transfer from smg9 to T3	04/03/1999	1	.	1	.	0
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

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

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

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**TS 21.133 3G security; Security threats and requirements**

R99 *current version:* 3.2.0  
*freeze\_meeting:* SP-03

*WG (prime / other):* S3 / - *rapporteur:* CHRISTOFFERSSON, TELIA PROMOTOR AB

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

*history (event, available, version,*

draft	20/08/1998	0	.	0	.	1
draft	20/10/1998	1	.	0	.	0
WG approval	20/12/1998	2	.	0	.	0
SP-03	23/04/1999	3	.	0	.	0
SP-06	17/12/1999	3	.	1	.	0
SP-14	07/01/2002	3	.	2	.	0

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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**TR 21.810 Report on multi-mode UE issues; ongoing work and identified additional work**

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-08

*WG (prime / other):* T2 / - *rapporteur:* PERSSON, Sofi TELIA AB

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

*history (event, available, version,*

TP-08	23/06/2000	3	.	0	.	0
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[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

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**TR 21.900 Technical Specification Group working methods**

R99 *current version:* 3.6.0  
*freeze\_meeting:* SP-03

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

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

*history (event, available, version,*

SP-03	23/04/1999	3	.	0	.	0
SP-04	23/06/1999	3	.	1	.	0
SP-05	13/10/1999	3	.	2	.	0
SP-08	28/06/2000	3	.	3	.	0
SP-09	04/10/2000	3	.	4	.	0
SP-10	04/01/2001	3	.	5	.	0
SP-11	11/04/2001	3	.	6	.	0

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

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

[get it](#)

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

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## TR 21.904 User Equipment (UE) capability requirements

R99 current version: 3.4.0

freeze\_meeting: SP-07

WG (prime / other): T2 / - rapporteur: SOOD, Prem SHARP Corporation

G: U: yes MCC: RODERMUND, Friedhelm

history (event, available, version,

TP-03 23/04/1999 0 . 0 . 0

TP-04 18/06/1999 0 . 0 . 3

TP-05 08/10/1999 1 . 0 . 2

TP-06 17/12/1999 1 . 1 . 0

TP-07 2 . 0 . 0 TP-000026

TP-07 15/03/2000 3 . 0 . 0

Editorial 30/03/2000 3 . 0 . 1

TP-08 23/06/2000 3 . 1 . 0

TP-09 16/10/2000 3 . 2 . 0

TP-10 05/01/2001 3 . 3 . 0

TP-13 03/10/2001 3 . 4 . 0

[get it](#) remarks - general:

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

[get it](#)

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## TR 21.905 Vocabulary for 3GPP Specifications

R99 current version: 3.3.0

freeze\_meeting: SP-07

WG (prime / other): S1 / - rapporteur: ZARRI, Michele T-Mobile (UK) Ltd

G: U: yes MCC: CLAYTON, Michael

history (event, available, version,

SP-05 13/10/1999 0 . 0 . 1

SP-07 15/03/2000 3 . 0 . 0 SP-000072

SP-06 17/12/1999 3 . 0 . 0

SP-08 23/06/2000 3 . 1 . 0

edito 08/08/2000 3 . 1 . 1

SP-09 18/10/2000 3 . 2 . 0

SP-13 05/10/2001 3 . 3 . 0

[get it](#) remarks - general:

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

[get it](#)

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

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## TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* PERSSON, Sofi TELIA AB  
*freeze\_meeting:* SP-08 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

TP-03		0	.	1	.	0			<i>remarks - general:</i>	TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified
TP-04		0	.	2	.	0			<i>remarks - this release:</i>	TSG#7: 2.0.0, but not approved. Number changed to 21.810. TSG#8: Re-instated with changed title and contents. TSG#8:3.0.0 (2.1.0)
TP-05	08/10/1999	1	.	0	.	1		<a href="#">get it</a>		
TP-06	17/12/1999	1	.	3	.	2		<a href="#">get it</a>		
TP-07		2	.	0	.	0				
TP-08		2	.	1	.	0				
TP-08	15/03/2000	3	.	0	.	0		<a href="#">get it</a>		

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## 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:* JURISIC, Andrijana

*history (event, available, version,*

NP-06	17/12/1999	2	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>	
Revised clause 11	14/01/2000	2	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i>	
NP-08		2	.	1	.	1				
NP-08	23/06/2000	3	.	0	.	0		<a href="#">get it</a>		

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R99 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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

R99 *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-07 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version,*

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>		

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

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

R99 *current version:* 3.6.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael Lucent Technologies Network Systems UK

*history (event, available, version,*

SP-05	13/10/1999	3	.	1	.	0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
SP-06	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>	

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

R99 *current version:* 3.3.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi  
*freeze\_meeting:* SP-08 *G: yes U: yes* *MCC:* CLAYTON, Michael NOKIA Corporation

*history (event, available, version,*

SP-06	17/12/1999	3	.	0	.	0	<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>	

aprvd with CRs

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## TS 22.004 General on Supplementary Services

R99 *current version:* 3.3.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael Lucent Technologies Network Systems UK

*history (event, available, version,*

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		3	.	3	.	0		

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

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<b>TS 22.011</b>	<b>Service accessibility</b>								
R99	current version: 3.7.0			WG (prime / other): S1 / -		rapporteur: GALLAIRE, Jean Paul	France Telecom		
	freeze_meeting: SP-05			G: yes U: yes		MCC: CLAYTON, Michael			
	history (event, available, version,								
	txferd to 3GPP	01/06/2000	3 . 0 . 0		<a href="#">get it</a>	remarks - general: Transfer>TSG#4			
	SP-05	30/10/1999	3 . 0 . 1		<a href="#">get it</a>	remarks - this release:			
	SP-06	17/12/1999	3 . 1 . 1		<a href="#">get it</a>				
	SP-07	17/03/2000	3 . 2 . 0		<a href="#">get it</a>				
	SP-09	18/10/2000	3 . 3 . 0		<a href="#">get it</a>				
	SP-11	02/04/2001	3 . 4 . 0		<a href="#">get it</a>				
	SP-12	27/06/2001	3 . 5 . 0		<a href="#">get it</a>				
	SP-14	10/01/2002	3 . 6 . 0		<a href="#">get it</a>				
	SP-15	25/03/2002	3 . 7 . 0		<a href="#">get it</a>				
<b>TS 22.016</b>	<b>International Mobile Equipment Identities (IMEI)</b>								
R99	current version: 3.3.0			WG (prime / other): S1 / -		rapporteur: KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting: SP-05			G: yes U: yes		MCC: CLAYTON, Michael			
	history (event, available, version,								
	SP-05	13/10/1999	3 . 0 . 1		<a href="#">get it</a>	remarks - general: Transfer>TSG#4			
	SP-06	17/12/1999	3 . 1 . 0		<a href="#">get it</a>	remarks - this release:			
	SP-08	28/06/2000	3 . 2 . 0		<a href="#">get it</a>				
	SP-16		3 . 3 . 0						
<b>TS 22.022</b>	<b>Personalisation of Mobile Equipment (ME); Mobile functionality specification</b>								
R99	current version: 3.2.0			WG (prime / other): S3 / -		rapporteur: NGUYEN NGOC, Sebastien	France Telecom		
	freeze_meeting: SP-05			G: yes U: yes		MCC: POPE, Maurice			
	history (event, available, version,								
	SP-05	13/10/1999	3 . 0 . 1		<a href="#">get it</a>	remarks - general: Transfer>TSG#4			
	SP-08	28/06/2000	3 . 1 . 0	difficulty in implementing CR	<a href="#">get it</a>	remarks - this release:			
	SP-16		3 . 2 . 0						
<b>TS 22.024</b>	<b>Description of Charge Advice Information (CAI)</b>								
R99	current version: 3.0.1			WG (prime / other): S1 / -		rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: SP-05			G: yes U: yes		MCC: CLAYTON, Michael			
	history (event, available, version,								
	SP-05	13/10/1999	3 . 0 . 1		<a href="#">get it</a>	remarks - general: Transfer>TSG#4,CR at TSG#5			
						remarks - this release: .			

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



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<b>TS 22.030</b>	<b>Man-Machine Interface (MMI) of the User Equipment (UE)</b>						
R99	current version: 3.4.0	WG (prime / other):	S1 / -	rapporteur:	TOIVANEN, Annukka	NOKIA Corporation	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 30/10/1999	3	. 0 . 0	<a href="#">get it</a>	remarks - general:	Transfer>TSG#4	
	SP-05 30/10/1999	3	. 1 . 0	<a href="#">get it</a>	remarks - this release:		
	SP-06 17/12/1999	3	. 2 . 0	<a href="#">get it</a>			
	SP-07 17/03/2000	3	. 3 . 0	<a href="#">get it</a>			
	SP-09 18/10/2000	3	. 4 . 0	<a href="#">get it</a>			
<b>TS 22.032</b>	<b>Immediate Service Termination (IST); Service description; Stage 1</b>						
R99	current version: 3.0.0	WG (prime / other):	S3 /	rapporteur:	WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	freeze_meeting: SP-16	G: yes	U: yes	MCC:	POPE, Maurice		
	history (event, available, version,						
	SP-16	3	. 0 . 0		remarks - general:	SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).	
					remarks - this release:	SP-16: Takes over from 02.32 R99.	
<b>TS 22.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>						
R99	current version: 3.2.1	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 13/10/1999	3	. 1 . 0	<a href="#">get it</a>	remarks - general:	Transfer>TSG#4	
	SP-07 15/03/2000	3	. 2 . 0	<a href="#">get it</a>	remarks - this release:		
	edito 25/04/2000	3	. 2 . 1	<a href="#">get it</a>			
<b>TS 22.038</b>	<b>USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1</b>						
R99	current version: 3.2.0	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Lucent Technologies Network Systems UK	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 30/10/1999	3	. 0 . 0	<a href="#">get it</a>	remarks - general:	Transfer>TSG#4	
	SP-07 17/03/2000	3	. 1 . 0	<a href="#">get it</a>	remarks - this release:		
	SP-08 28/06/2000	3	. 2 . 0	<a href="#">get it</a>			

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

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<b>TS 22.041</b>	<b>Operator Determined Call Barring</b>								
R99	<i>current version:</i> 3.3.1								
	<i>freeze_meeting:</i> SP-05								
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3	.	1	.	0			
	SP-10 08/01/2001	3	.	2	.	0			
	SP-11 02/04/2001	3	.	3	.	0			
	edito 26/04/2001	3	.	3	.	1			
							<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>		
<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>freeze_meeting:</i> SP-05								
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3	.	0	.	1			
							<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4
								<i>remarks - this release:</i>	CR to 3.0.1 not aprvd.
<b>TS 22.057</b>	<b>Mobile Execution Environment (MExE) service description; Stage 1</b>								
R99	<i>current version:</i> 3.0.1								
	<i>freeze_meeting:</i> SP-05								
	<i>history (event, available, version,</i>								
	SP-05 25/10/1999	3	.	0	.	0			
	edito 25/10/1999	3	.	0	.	1			
							<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution
							<a href="#">get it</a>	<i>remarks - this release:</i>	. Environment (MExE); Stage 1".
<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>freeze_meeting:</i> SP-05								
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3	.	1	.	0			
	SP-06 17/12/1999	3	.	2	.	0			
	SP-07 15/03/2000	3	.	3	.	0			
	SP-08 28/06/2000	3	.	4	.	0			
	SP-09 18/10/2000	3	.	5	.	0			
							<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>		

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<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	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>		<i>remarks - general:</i>	Transfer>TSG#4		
	SP-07 15/03/2000 3 . 1 . 0	<a href="#">get it</a>		<i>remarks - this release:</i>			
	SP-08 28/06/2000 3 . 2 . 0	<a href="#">get it</a>					
<hr/>							
<b>TS 22.067</b>	<b>enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1</b>						
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>		<i>remarks - general:</i>	Transfer>TSG#4		
				<i>remarks - this release:</i>	.		
<hr/>							
<b>TS 22.071</b>	<b>Location Services (LCS); Stage 1</b>						
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	WOHLERT, Randolph	SBC Communications Inc.	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999 3 . 1 . 0	<a href="#">get it</a>		<i>remarks - general:</i>	Transfer>TSG#4		
	SP-06 17/12/1999 3 . 2 . 0	<a href="#">get it</a>		<i>remarks - this release:</i>			
	SP-09 18/10/2000 3 . 3 . 0	<a href="#">get it</a>					
	SP-15 25/03/2002 3 . 4 . 0	<a href="#">get it</a>					
<hr/>							
<b>TS 22.072</b>	<b>Call Deflection (CD); Stage 1</b>						
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	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,</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>	.		

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<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	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-05 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>			

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<b>TS 22.079</b>	<b>Support of optimal routing; Stage 1</b>				
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
			<i>remarks - this release:</i> .		

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<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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
	SP-08 28/06/2000 3 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		

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<b>TS 22.082</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>				
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
			<i>remarks - this release:</i> .		

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<b>TS 22.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1</b>								
R99	current version: 3.0.1	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1			<a href="#">get it</a>	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<b>TS 22.084</b>	<b>MultiParty (MPTY) supplementary service; Stage 1</b>								
R99	current version: 3.0.1	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1			<a href="#">get it</a>	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<b>TS 22.085</b>	<b>Closed User Group (CUG) supplementary services; Stage 1</b>								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1			<a href="#">get it</a>	remarks - general: Transfer>TSG#4				
	SP-06 17/12/1999 3 . 1 . 0			<a href="#">get it</a>	remarks - this release: .				
<b>TS 22.086</b>	<b>Advice of Charge (AoC) supplementary services; Stage 1</b>								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-05 13/10/1999 3 . 1 . 0			<a href="#">get it</a>	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<b>TS 22.087</b>	<b>User-to-user signalling (UUS); Stage 1</b>								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	BRADEN, Christian	T-MOBILE DEUTSCHLAND			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1			<a href="#">get it</a>	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
	incorporation of 01/02/2000 3 . 1 . 0			<a href="#">get it</a>					
	lost CR from								

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<b>TS 22.088</b>	<b>Call Barring (CB) supplementary services; Stage 1</b>						
R99	current version: 3.0.2	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat	
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>		remarks - general:	Transfer>TSG#4		
	edito 27/11/2000 3 . 0 . 2	<a href="#">get it</a>		remarks - this release:	.		
<b>TS 22.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 1</b>						
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation	
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>		remarks - general:	Transfer>TSG#4		
	SP-07 15/03/2000 3 . 1 . 0	<a href="#">get it</a>		remarks - this release:	.		
<b>TS 22.091</b>	<b>Explicit Call Transfer (ECT) supplementary service; Stage 1</b>						
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat	
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>		remarks - general:	Transfer>TSG#4		
	SP-09 18/10/2000 3 . 1 . 0	<a href="#">get it</a>		remarks - this release:	.		
<b>TS 22.093</b>	<b>Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1</b>						
R99	current version: 3.0.1	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat	
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>		remarks - general:	Transfer>TSG#4		
				remarks - this release:	.		
<b>TS 22.094</b>	<b>Follow Me service description - Stage 1</b>						
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	BERGMANN, Ansgar	ETSI Secretariat	
	freeze_meeting: SP-06	G: yes U: yes		MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-06 17/12/1999 3 . 1 . 0	<a href="#">get it</a>		remarks - general:	Transfer>TSG#4. GSM only @TSG#5		
				remarks - this release:	Transfer>TSG#6; Anticipate that v3.y.z will be withdrawn. Apr2001: Unwithdrawn. August 2001: still debating whether this is GSM-only or common.		

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

R99 *current version:* 3.0.1  
*freeze\_meeting:* SP-05  
*history (event, available, version,*  
SP-05 13/10/1999 3 . 0 . 1

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

ETSI Secretariat

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

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

R99 *current version:* 3.2.0  
*freeze\_meeting:* SP-05  
*history (event, available, version,*  
SP-05 13/10/1999 3 . 1 . 0  
SP-09 18/10/2000 3 . 2 . 0

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

NORTEL NETWORKS (EUROPE)

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

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**TS 22.100 UMTS Phase 1**

R99 *current version:* 3.7.0  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
draft 16/09/1998 0 . 1 . 0  
draft 16/10/1998 1 . 0 . 0  
WG approval 01/02/1999 2 . 0 . 0  
Transfer to SP SA 23/04/1999 3 . 0 . 0  
SP-03 23/04/1999 3 . 2 . 0  
SP-04 23/06/1999 3 . 3 . 0  
SP-05 13/10/1999 3 . 4 . 0  
SP-06 17/12/1999 3 . 5 . 0  
SP-07 15/03/2000 3 . 6 . 0  
SP-13 05/10/2001 3 . 7 . 0

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

France Telecom

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
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## TS 22.101 Service aspects; Service principles

R99 current version: 3.13.0

freeze\_meeting: SP-03

history (event, available, version,

SP-03	23/04/1999	3	.	5	.	0
SP-04	23/06/1999	3	.	6	.	0
SP-05	13/10/1999	3	.	7	.	0
SP-06	17/12/1999	3	.	8	.	0
SP-07	15/03/2000	3	.	9	.	0
SP-08	28/06/2000	3	.	10	.	0
SP-09	18/10/2000	3	.	11	.	0
SP-10	08/01/2001	3	.	12	.	0
SP-12	27/06/2001	3	.	13	.	0

WG (prime / other): S1 / -

G: U: yes

rapporteur: DWYER, Paul

MCC: CLAYTON, Michael

NORTEL NETWORKS (EUROPE)

[get it](#) remarks - general:

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

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## TS 22.105 Services & service capabilities

R99 current version: 3.10.0

freeze\_meeting: SP-03

history (event, available, version,

First complete	13/06/1997	1	.	0	.	0
Milestone 1	19/12/1997	1	.	4	.	1
WG approval	15/02/1998	2	.	0	.	0
Under TB change control	20/03/1998	3	.	0	.	0
TB approval	20/03/1998	3	.	0	.	0
Milestone 1	20/03/1998	3	.	0	.	0
smg-26 to review	20/06/1998	3	.	1	.	0
smg-28	15/02/1999	3	.	2	.	0
SP-03	23/04/1999	3	.	4	.	0
SP-04	23/06/1999	3	.	5	.	0
SP-05	13/10/1999	3	.	6	.	0
SP-06	17/12/1999	3	.	7	.	0
SP-07	15/03/2000	3	.	8	.	0
SP-08	28/06/2000	3	.	9	.	0
SP-10	08/01/2001	3	.	10	.	0

WG (prime / other): S1 / -

G: U: yes

rapporteur: EVEN, Anne

MCC: CLAYTON, Michael

France Telecom

[get it](#) remarks - general:

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## TS 22.115 Service Aspects Charging and billing

R99 current version: 3.3.0  
freeze\_meeting: SP-03

WG (prime / other): S1 / - rapporteur: MONTEGROSSO, Emanuele TELECOM ITALIA S.p.A.  
G: yes U: yes MCC: CLAYTON, Michael

history (event, available, version,

First complete	13/06/1997	1	.	0	.	0
Milestone 1	19/12/1997	1	.	2	.	2
WG approval	15/01/1999	2	.	0	.	0
TB approval	15/02/1999	3	.	0	.	0
SP-04	23/06/1999	3	.	1	.	0
SP-03	23/04/1999	3	.	1	.	0
SP-05	13/10/1999	3	.	2	.	0
SP-07	15/03/2000	3	.	3	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
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## TR 22.121 Service aspects; The Virtual Home Environment; Stage 1

R99 current version: 3.3.1  
freeze\_meeting: SP-04

WG (prime / other): S1 / - rapporteur: OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited  
G: yes U: yes MCC: CLAYTON, Michael

history (event, available, version,

OSP parts extracted from 22,121 v3,2,0	04/03/1999	0	.	0	.	0
draft	04/04/1999	0	.	1	.	0
SP-04	23/06/1999	3	.	0	.	0
SP-05	13/10/1999	3	.	1	.	0
SP-07	15/03/2000	3	.	2	.	0
SP-08	28/06/2000	3	.	3	.	0
SP-16		3	.	3	.	1

[get it](#) remarks - general: Former title: "Provision of Services in UMTS - The Virtual Home Environment;  
[get it](#) remarks - this release: Stage 1". SP-16: converted from TS to TR.  
[get it](#)  
[get it](#)  
[get it](#)  
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Converted from TS to TR.

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## 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,*  
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 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](#)

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## TS 22.135 Multicall; Service description; Stage 1

R99 *current version:* 3.4.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version,*  
0 . 0 . 0 *remarks - general:*  
Start of work 04/03/1999 0 . 0 . 0 [get it](#) *remarks - this release:*  
Table of Contents 04/03/1999 0 . 1 . 0 [get it](#)  
and Scope  
SP-03 23/04/1999 1 . 0 . 0 [get it](#)  
SP-05 13/10/1999 3 . 0 . 0 [get it](#)  
SP-06 17/12/1999 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-09 18/10/2000 3 . 4 . 0 [get it](#)

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

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## TS 22.140 Service aspects; Stage 1; Multimedia Messaging Service

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-06  
*history (event, available, version,*  
SP-T-3 23/04/1999 0 . 0 . 0  
SP-T-05 08/10/1999 1 . 0 . 0  
SP-T-06 17/12/1999 2 . 0 . 0  
SP-08 28/06/2000 3 . 1 . 0

WG (*prime / other*): S1 / - *rapporteur:* LAUMEN, Josef  
G: U: yes *MCC:* CLAYTON, Michael SIEMENS AG

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

## TR 22.945 Study of provision of fax service in GSM and UMTS

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-05  
*history (event, available, version,*  
TP-03 28/04/1999 1 . 0 . 0  
TP-05 08/10/1999 3 . 0 . 0

WG (*prime / other*): T2 / NP *rapporteur:* COLBAN, Erik  
G: yes U: yes *MCC:* RODERMUND, Friedhelm ERICSSON AS

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

## TR 22.971 Automatic establishment of roaming relationships

R99 *current version:* 3.1.1  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
Table of Contents 19/10/1997 0 . 0 . 1  
and Scope  
First complete 19/12/1997 1 . 1 . 1  
WG approval 15/02/1998 2 . 0 . 0  
TB approval 20/03/1998 3 . 0 . 0  
SP-03 23/04/1999 3 . 1 . 1

WG (*prime / other*): S1 / - *rapporteur:* MONTEGROSSO,  
G: U: yes *MCC:* Emanuele CLAYTON, Michael TELECOM ITALIA S.p.A.

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

## TR 22.975 Advanced addressing

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
Table of Contents 17/10/1997 0 . 1 . 0  
and Scope  
First complete 19/12/1997 1 . 0 . 0  
WG approval 15/02/1998 2 . 0 . 0  
TB approval 20/03/1998 3 . 0 . 0  
SP-03 23/04/1999 3 . 0 . 1  
SP-05 13/10/1999 3 . 1 . 0

WG (*prime / other*): S1 / - *rapporteur:* KLEIER, Stephan  
G: U: yes *MCC:* CLAYTON, Michael Vodafone D2 GmbH

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

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

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R99 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.002 Network Architecture

R99 current version: 3.5.0

freeze\_meeting: SP-05

WG (prime / other): S2 / - rapporteur: SULTAN, Alain ETSI Secretariat  
G: yes U: yes MCC: SULTAN, Alain

history (event, available, version,

SP-05 13/10/1999 3 . 1 . 0

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

SP-06 17/12/1999 3 . 2 . 0

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

SP-07 15/03/2000 3 . 3 . 0

[get it](#)

SP-10 21/12/2000 3 . 4 . 0

[get it](#)

SP-14 07/01/2002 3 . 5 . 0

[get it](#)

## TS 23.003 Numbering, Addressing and Identification

R99 current version: 3.10.0

freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: GAASVIK, Per-Ola COMVIQ GSM AB  
G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

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-06 15/12/1999 3 . 3 . 0

[get it](#)

NP-07 15/03/2000 3 . 4 . 0

[get it](#)

edito 17/05/2000 3 . 4 . 1

[get it](#)

NP-08 28/06/2000 3 . 5 . 0

[get it](#)

NP-09 26/10/2000 3 . 6 . 0

[get it](#)

NP-10 21/12/2000 3 . 7 . 0

[get it](#)

NP-11 02/04/2001 3 . 8 . 0

[get it](#)

NP-12 27/06/2001 3 . 9 . 0

[get it](#)

NP-16 3 . 10 . 0

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

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## TS 23.007 Restoration procedures

R99 current version: 3.5.0

freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE Group Plc

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

May 99 27/05/1999 3 . 0 . 0

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 3 . 5 . 0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TS 23.008 Organisation of subscriber data

R99 current version: 3.7.0

freeze\_meeting: SP-03

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

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

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 3 . 7 . 0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

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<b>TS 23.009</b>	<b>Handover procedures</b>				
R99	<i>current version:</i> 3.10.0		<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated
	<i>freeze_meeting:</i> SP-03				
	<i>history (event, available, version,</i>		<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan
	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-07 15/03/2000	3 . 2 . 0	<a href="#">get it</a>		
	edito (SDLs 16/05/2000	3 . 2 . 1	<a href="#">get it</a>		
	beautified)				
	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 03/01/2001	3 . 5 . 0	<a href="#">get it</a>		
	NP-11 11/04/2001	3 . 6 . 0	<a href="#">get it</a>		
	NP-12 06/07/2001	3 . 7 . 0	<a href="#">get it</a>		
	NP-13 05/10/2001	3 . 8 . 0	<a href="#">get it</a>		
	NP-14 08/01/2002	3 . 9 . 0	<a href="#">get it</a>		
	NP-16	3 . 10 . 0			

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<b>TS 23.011</b>	<b>Technical realization of Supplementary Services</b>				
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-03			<i>MCC:</i> KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>		<i>G: yes</i>	<i>U: yes</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>
	NP-09 26/10/2000	3 . 1 . 0	<a href="#">get it</a>		

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<b>TS 23.012</b>	<b>Location management procedures</b>				
R99	<i>current version:</i> 3.3.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> VACANT,	
	<i>freeze_meeting:</i> SP-03			<i>MCC:</i> KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>		<i>G: yes</i>	<i>U: yes</i>	
	NP-03 23/04/1999	3 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>
	NP-06 15/12/1999	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>		
	CR 23.012-003r3 05/06/2000	3 . 2 . 1	<a href="#">get it</a>		
	removed (error)				
	NP-08 23/06/2000	3 . 3 . 0	<a href="#">get it</a>		

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## TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

R99 current version: 3.1.0  
freeze\_meeting: SP-03

WG (prime / other): N1 / - rapporteur: ZAUS, Robert SIEMENS AG  
G: yes U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,  
NP-03 23/04/1999 3 . 0 . 0  
NP-06 17/12/1999 3 . 1 . 0

[get it](#) remarks - general: Should not be in UMTS ????  
[get it](#) remarks - this release: .

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## TS 23.015 Technical realisation of Operator Determined Barring (ODB)

R99 current version: 3.1.0  
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,  
NP-03 23/04/1999 3 . 0 . 0  
NP-04 23/06/1999 3 . 1 . 0

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

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## TS 23.016 Subscriber data management; Stage 2

R99 current version: 3.8.0  
freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: VACANT,  
G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,  
NP-03 23/04/1999 3 . 0 . 0  
NP-04 23/06/1999 3 . 1 . 0  
NP-05 13/10/1999 3 . 2 . 0  
NP-06 15/12/1999 3 . 3 . 0  
NP-07 15/03/2000 3 . 4 . 0  
NP-08 23/06/2000 3 . 5 . 0  
NP-09 26/10/2000 3 . 6 . 0  
NP-11 30/03/2001 3 . 7 . 0  
NP-15 28/03/2002 3 . 8 . 0

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

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

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## TS 23.018 Basic Call Handling; Technical realization

R99 current version: 3.11.0

freeze\_meeting: SP-03

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

Chalmers

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

NP-04 23/06/1999 3 . 1 . 0

NP-05 13/10/1999 3 . 2 . 0

NP-06 15/12/1999 3 . 3 . 0

NP-07 15/03/2000 3 . 4 . 0

NP-08 23/06/2000 3 . 5 . 0

NP-09 25/10/2000 3 . 6 . 0

NP-11 06/04/2001 3 . 7 . 0

NP-12 04/07/2001 3 . 8 . 0

NP-13 03/10/2001 3 . 9 . 0

NP-14 16/01/2002 3 . 10 . 0

NP-15 28/03/2002 3 . 11 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

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[get it](#)

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## TS 23.032 Universal Geographical Area Description (GAD)

R99 current version: 3.1.0

freeze\_meeting: SP-03

WG (prime / other): S2 / - rapporteur: HIETALAHTI, Hannu NOKIA Corporation

G: yes U: yes MCC: SULTAN, Alain

history (event, available, version,

SP-03 23/04/1999 3 . 0 . 0

SP-07 15/03/2000 3 . 1 . 0

[get it](#)

remarks - general: S2 responsibility?

[get it](#)

remarks - this release:

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## TS 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2

R99 current version: 3.3.0

freeze\_meeting: SP-03

WG (prime / other): N1 / - rapporteur: CARRION RODRIGO, NOKIA Corporation

Inmaculada

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

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

NP-05 13/10/1999 3 . 1 . 0

NP-06 17/12/1999 3 . 1 . 1

NP-07 15/03/2000 3 . 2 . 0

NP-10 02/01/2001 3 . 3 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

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



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<b>TS 23.035</b>	<b>Immediate Service Termination (IST); 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-16	<i>G: yes U: yes</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, SP-16</i>	3 . 0 . 0		<i>remarks - general:</i> SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).	
				<i>remarks - this release:</i> SP-16: takes over from 03,35 R99.	
<hr/>					
<b>TS 23.038</b>	<b>Alphabets and language-specific information</b>				
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i> SP-04	<i>G: yes U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	TP-03 28/04/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> additional CR for R99 on SMS enhanced message content expected at TSG-T#7.	
	TP-04 23/06/1999	3 . 1 . 0	<a href="#">get it</a>	No, evidently not.	
	TP-05 08/10/1999	3 . 2 . 0	<a href="#">get it</a>		
	TP-06 17/12/1999	3 . 3 . 0	<a href="#">get it</a>		
<hr/>					
<b>TR 23.039</b>	<b>Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)</b>				
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i> SP-04	<i>G: yes U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	TP-03 28/04/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	TP-04 23/06/1999	3 . 0 . 0	<a href="#">get it</a>		
	TP-06 completed 17/12/1999	3 . 1 . 0	<a href="#">get it</a>		
	TP-09 04/10/2000	3 . 2 . 0	<a href="#">get it</a>		

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

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

R99 current version: 3.9.0

freeze\_meeting: SP-04

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	23/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-06	17/12/1999	3	.	3	.	0
TP-07	15/03/2000	3	.	4	.	0
edito	19/04/2000	3	.	4	.	1
TP-08	23/06/2000	3	.	5	.	0
TP-13	03/10/2001	3	.	6	.	0
TP-14	11/01/2002	3	.	7	.	0
TP-15	21/03/2002	3	.	8	.	0
TP-15		3	.	9	.	0

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited

G: yes U: yes MCC: RODERMUND, Friedhelm

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

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

R99 current version: 3.5.0

freeze\_meeting: SP-05

history (event, available, version,

TP-03	23/04/1999	0	.	0	.	0
TP-05	08/10/1999	3	.	0	.	0
TP-06	17/12/1999	3	.	1	.	0
TP-07 completion	15/03/2000	3	.	2	.	0
target						
TP-09	11/10/2000	3	.	3	.	0
TP-12	04/07/2001	3	.	4	.	0
TP-15		3	.	5	.	0

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited

G: yes U: yes MCC: RODERMUND, Friedhelm

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

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

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## TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04

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

*history (event, available, version,*  
TP-03 28/04/1999 1 . 0 . 0  
TP-05 08/10/1999 3 . 0 . 0  
TP-04 23/06/1999 3 . 0 . 0  
test vectors 23/01/2001 3 . 1 . 0  
provided  
TP-06 17/12/1999 3 . 1 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.  
[get it](#)  
[get it](#)  
[get it](#)

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## TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04

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

*history (event, available, version,*  
TP-03 28/04/1999 1 . 0 . 0  
TP-05 08/10/1999 3 . 0 . 0  
TP-04 23/06/1999 3 . 0 . 0  
test vectors 23/01/2001 3 . 1 . 0  
provided  
TP-06 17/12/1999 3 . 1 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.  
[get it](#)  
[get it](#)  
[get it](#)

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

R99 *current version:* 3.4.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd  
*G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
TP-03 28/04/1999 1 . 0 . 0  
TP-04 (MExE R98 18/06/1999 1 . 1 . 0  
GSM 03.57)  
TP-05 08/10/1999 1 . 5 . 0  
TP-06 completed 17/12/1999 3 . 0 . 0  
TP-07 15/03/2000 3 . 1 . 0  
Editorial 15/03/2000 3 . 1 . 1  
TP-08 23/06/2000 3 . 2 . 0  
TP-09 16/10/2000 3 . 3 . 0  
TP-11 27/03/2001 3 . 4 . 0

[get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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

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

R99 *current version:* 3.12.0 *WG (prime / other):* S2 / - *rapporteur:* DELECKI, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* SULTAN, Alain

*history (event, available, version,*  
SP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-06 23/12/1999 3 . 2 . 0 [get it](#) *remarks - this release:*  
SP-07 15/03/2000 3 . 3 . 0 [get it](#)  
SP-08 28/06/2000 3 . 4 . 0 [get it](#)  
SP-09 04/11/2000 3 . 5 . 0 [get it](#)  
SP-10 12/01/2001 3 . 6 . 0 [get it](#)  
SP-11 06/04/2001 3 . 7 . 0 [get it](#)  
SP-12 29/06/2001 3 . 8 . 0 [get it](#)  
SP-13 12/10/2001 3 . 9 . 0 [get it](#)  
SP-14 09/01/2002 3 . 10 . 0 [get it](#)  
edito 3 . 10 . 1  
SP-15 07/04/2002 3 . 11 . 0 [get it](#)  
SP-16 3 . 12 . 0

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

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - general:* Transfer>TSG#4, CR at TSG#5  
NP-07 15/03/2000 3 . 2 . 0 [get it](#) *remarks - this release:*  
NP-08 23/06/2000 3 . 3 . 0 [get it](#)

## TS 23.067 Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* PERLICK, Vivien SAGEM Group  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-07 15/03/2000 3 . 1 . 0 [get it](#) *remarks - this release:*  
NP-10 21/12/2000 3 . 2 . 0 [get it](#)  
NP-12 27/06/2001 3 . 3 . 0 [get it](#)

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

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## TS 23.072 Call Deflection Supplementary Service; Stage 2

R99 current version: 3.3.0

freeze\_meeting: SP-03

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: CONRAD, Alan

MCC: KYMALAINEN, Kimmo

T-MOBILE DEUTSCHLAND

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

NP-05 13/10/1999 3 . 1 . 0

NP-06 17/12/1999 3 . 2 . 0

NP-09 26/10/2000 3 . 3 . 0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

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

R99 current version: 3.13.0

freeze\_meeting: SP-03

WG (prime / other): N2 / -

G: yes U: yes

rapporteur: HOMANN, Christian

MCC: JURISIC, Andrijana

ALCATEL SEL AG

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

NP-04 23/06/1999 3 . 1 . 0

NP-05 13/10/1999 3 . 2 . 0

NP-06 17/12/1999 3 . 3 . 0

NP-07 15/03/2000 3 . 4 . 0

NP-08 23/06/2000 3 . 5 . 0

NP-09 09/10/2000 3 . 6 . 0

NP-10 04/01/2001 3 . 7 . 0

NP-11 02/04/2001 3 . 8 . 0

NP-12 29/06/2001 3 . 9 . 0

NP-13 03/10/2001 3 . 10 . 0

NP-14 04/01/2002 3 . 11 . 0

NP-15 19/03/2002 3 . 12 . 0

NP-16 3 . 13 . 0

[get it](#) remarks - general:

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

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

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

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* CR at TSG#4,CR at TSG#5  
NP-04 23/06/1999 3 . 1 . 0 [get it](#) *remarks - this release:*  
NP-05 13/10/1999 3 . 2 . 0 [get it](#)  
NP-06 15/12/1999 3 . 3 . 0 [get it](#)  
NP-07 15/03/2000 3 . 4 . 0 [get it](#)  
NP-08 23/06/2000 3 . 5 . 0 [get it](#)  
NP-09 26/10/2000 3 . 6 . 0 [get it](#)  
NP-16 3 . 7 . 0

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## TS 23.081 Line Identification supplementary services; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*  
NP-08 23/06/2000 3 . 1 . 0 [get it](#)

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

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - this release:*  
NP-07 15/03/2000 3 . 2 . 0 [get it](#)  
NP-08 23/06/2000 3 . 3 . 0 [get it](#)  
NP-09 26/10/2000 3 . 4 . 0 [get it](#)  
NP-10 21/12/2000 3 . 5 . 0 [get it](#)  
NP-12 27/06/2001 3 . 6 . 0 [get it](#)  
NP-16 3 . 7 . 0

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

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<b>TS 23.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2</b>					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999	3 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	NP-06 17/12/1999	3 . 1 . 0		<a href="#">get it</a>	remarks - this release:	
	NP-09 26/10/2000	3 . 2 . 0		<a href="#">get it</a>		

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<b>TS 23.084</b>	<b>MultiParty (MPY) Supplementary Service; Stage 2</b>					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999	3 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	NP-06 17/12/1999	3 . 1 . 0		<a href="#">get it</a>	remarks - this release:	
	NP-09 26/10/2000	3 . 2 . 0		<a href="#">get it</a>		

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<b>TS 23.085</b>	<b>Closed User Group (CUG) Supplementary Service; Stage 2</b>					
R99	current version: 3.1.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999	3 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	edito 06/06/2000	3 . 0 . 1		<a href="#">get it</a>	remarks - this release:	
	NP-09 26/10/2000	3 . 1 . 0		<a href="#">get it</a>		

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<b>TS 23.086</b>	<b>Advice of Charge (AoC) Supplementary Service; Stage 2</b>					
R99	current version: 3.1.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999	3 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	edito 06/06/2000	3 . 0 . 1		<a href="#">get it</a>	remarks - this release:	
	NP-09 26/10/2000	3 . 1 . 0		<a href="#">get it</a>		

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

R99 current version: 3.1.0 WG (prime / other): N4 / - rapporteur: DETTNER, Harald SIEMENS AG  
freeze\_meeting: SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo  
history (event, available, version,  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) remarks - general:  
edito 06/06/2000 3 . 0 . 1 [get it](#) remarks - this release:  
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

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

R99 current version: 3.2.0 WG (prime / other): N4 / - rapporteur: DETTNER, Harald SIEMENS AG  
freeze\_meeting: SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo  
history (event, available, version,  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) remarks - general:  
NP-07 15/03/2000 3 . 1 . 0 [get it](#) remarks - this release:  
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

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

R99 current version: 3.2.0 WG (prime / other): N4 / - rapporteur: CROOK, Mick ORANGE PCS LTD  
freeze\_meeting: SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo  
history (event, available, version,  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) remarks - general:  
NP-06 17/12/1999 3 . 1 . 0 [get it](#) remarks - this release:  
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

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## TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R99 current version: 3.2.0 WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE Group Plc  
freeze\_meeting: SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo  
history (event, available, version,  
NP-03 23/04/1999 3 . 0 . 0 [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](#)

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<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> DETTNER, Harald	SIEMENS AG			
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</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> SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</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> DETTNER, Harald	SIEMENS AG			
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</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> HEWSON, Ruth	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</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>					

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<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> U: yes	<i>MCC:</i> SULTAN, Alain			
	<i>history (event, available, version,</i>						
	First complete 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>			

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<b>TS 23.107</b>	<b>Quality of Service (QoS) concept and architecture</b>						
R99	<i>current version:</i> 3.8.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GREIS, Marc		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-05		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain			
	<i>history (event, available, version,</i>						
	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>			

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<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> SALKINTZIS, Apostolis		MOTOROLA GmbH	
	<i>freeze_meeting:</i> SP-04		<i>G:</i> yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>						
	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>			

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## TS 23.110 UMTS Access Stratum Services and Functions

R99 current version: 3.4.0

freeze\_meeting: SP-07

WG (prime / other): S2 / - rapporteur: LOPEZ-TORRES, Oscar T-MOBILE DEUTSCHLAND

G: yes U: yes MCC: SULTAN, Alain

history (event, available, version,

draft 15/02/1997 0 . 3 . 0

Transfer to SP S2 04/03/1999 0 . 3 . 1

SP-03 23/04/1999 3 . 1 . 0

SP-05 13/10/1999 3 . 2 . 0

SP-06 17/12/1999 3 . 3 . 0

SP-07 15/03/2000 3 . 4 . 0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TS 23.116 Super-Charger technical realization; Stage 2

R99 current version: 3.2.0

freeze\_meeting: SP-07

WG (prime / other): N4 / - rapporteur: ALLEN, Nicholas

Indicate persons who left Company and wait for new One

G: yes U: yes

MCC: KYMALAINEN, Kimmo

history (event, available, version,

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](#)

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## TS 23.119 Gateway Location Register (GLR); Stage2

R99 current version: 3.0.0

freeze\_meeting: SP-07

WG (prime / other): N4 / -

rapporteur: SAWADA, Masahiro NTT DoCoMo Inc.

G: yes U: yes

MCC: KYMALAINEN, Kimmo

history (event, available, version,

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](#)

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

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## TS 23.121 Architecture Requirements for release 99

R99 current version: 3.6.0

freeze\_meeting: SP-04

WG (prime / other): S2 / -

G: yes U: yes

rapporteur: DANIEL, Elizabeth

MCC: SULTAN, Alain

Lucent Technologies Network Systems UK

history (event, available, version,

First complete 23/04/1999 0 . 0 . 0

SP-03 23/04/1999 1 . 0 . 0

draft 01/06/1999 1 . 0 . 1

draft 20/06/1999 2 . 0 . 0

SP-04 23/06/1999 3 . 0 . 0

SP-05 13/10/1999 3 . 1 . 0

SP-06 17/12/1999 3 . 2 . 0

SP-07 15/03/2000 3 . 3 . 0

SP-09 19/10/2000 3 . 4 . 0

SP-10 20/12/2000 3 . 5 . 0

edito 01/02/2001 3 . 5 . 1

SP-16 3 . 6 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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[get it](#)

## TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

R99 current version: 3.7.0

freeze\_meeting: SP-03

WG (prime / other): N1 / -

G: U: yes

rapporteur: HIETALAHTI, Hannu

MCC: JORGENSEN, Per Johan

NOKIA Corporation

history (event, available, version,

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

[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

[get it](#)

undo erroneously incorporated CR.

[get it](#)

[get it](#)

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

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**TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2**

R99 *current version:* 3.4.0 *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, ERICSSON RESEARCH CANADA  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* SULTAN, Alain  
*history (event, available, version,*  
SP-05 13/10/1999 0 . 3 . 0 [get it](#) *remarks - general:* Sept 00: "Open Service Architecture" removed from title.  
SP-07 2 . 0 . 0 SP-000089 *remarks - this release:*  
SP-07 17/12/1999 3 . 0 . 0 [get it](#)  
SP-08 28/06/2000 3 . 1 . 0 [get it](#)  
SP-09 06/11/2000 3 . 2 . 0 [get it](#)  
SP-10 21/12/2000 3 . 3 . 0 [get it](#)  
SP-12 29/06/2001 3 . 4 . 0 [get it](#)

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**TS 23.135 Multicall supplementary service; Stage 2**

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-07 15/03/2000 1 . 1 . 0 [get it](#) *remarks - general:*  
NP-07 15/03/2000 3 . 0 . 0 [get it](#) *remarks - this release:*  
NP-08 23/06/2000 3 . 1 . 0 [get it](#)  
NP-09 25/10/2000 3 . 2 . 0 [get it](#)

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

R99 *current version:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG  
*freeze\_meeting:* SP-07 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
TP-05 08/10/1999 0 . 1 . 0 [get it](#) *remarks - this release:*  
TP-06 17/12/1999 1 . 0 . 0 [get it](#)  
TP-07 15/03/2000 2 . 0 . 0 TP-000028 [get it](#)  
Editorial 15/03/2000 3 . 0 . 1 [get it](#)  
TP-15 3 . 1 . 0

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## TS 23.171 Functional stage 2 description of location services in UMTS

R99 current version: 3.8.0

freeze\_meeting: SP-07

WG (prime / other): S2 / - rapporteur: KÅLL, Jan NOKIA Corporation

G: U: yes MCC: SULTAN, Alain

history (event, available, version,

SP-05 13/10/1999 1 . 0 . 0

[get it](#) remarks - general:

SP-06 17/12/1999 1 . 1 . 0

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

SP-07 2 . 0 . 0 SP-000090

SP-07 15/03/2000 3 . 0 . 0

[get it](#)

SP-08 28/06/2000 3 . 1 . 0

[get it](#)

SP-10 21/12/2000 3 . 2 . 0

[get it](#)

SP-11 11/04/2001 3 . 3 . 0

[get it](#)

SP-12 29/06/2001 3 . 4 . 0

[get it](#)

SP-13 15/10/2001 3 . 5 . 0

[get it](#)

SP-14 07/01/2002 3 . 6 . 0

[get it](#)

SP-15 29/03/2002 3 . 7 . 0

[get it](#)

SP-16 3 . 8 . 0

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## TR 23.814 Separating RR and MM specific parts of the MS Classmark

R99 current version: 3.1.0

freeze\_meeting: SP-06

WG (prime / other): N1 / - rapporteur: YOKOTA, Fumihiko Fujitsu Limited

G: U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-05 08/10/1999 0 . 0 . 0

[get it](#) remarks - general: New after TSG#5

NP-06 17/12/1999 3 . 0 . 0

[get it](#) remarks - this release: TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.

editorial (!) 24/01/2000 3 . 1 . 0

[get it](#)

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## TR 23.908 Technical report on Pre-Paging

R99 current version: 3.0.1

freeze\_meeting: SP-04

WG (prime / other): N4 / - rapporteur: VACANT,

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03 23/04/1999 0 . 0 . 0

[get it](#) remarks - general:

NP-04 23/06/1999 3 . 0 . 0

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

edito 02/05/2000 3 . 0 . 1

[get it](#)

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<b>TR 23.909</b>	<b>Technical report on the Gateway Location Register</b>				
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	MCC:	Chalmers	
	<i>history (event, available, version,</i>			KYMALAINEN, Kimmo	
	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>	.	
	edito 03/05/2000 3 . 0 . 1	<a href="#">get it</a>			

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<b>TR 23.910</b>	<b>Circuit switched data bearer services</b>				
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIJK, Rune Werner	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-07	G: U: yes	MCC:	BOSWARTHICK, David	
	<i>history (event, available, version,</i>				
	NP-04 23/06/1999 0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)	
	NP-05 13/10/1999 0 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	.	
	NP-06 17/12/1999 1 . 0 . 0	<a href="#">get it</a>			
	NP-07 2 . 0 . 0				
	NP-07 15/03/2000 3 . 0 . 0	<a href="#">get it</a>			
	NP-08 23/06/2000 3 . 1 . 0	<a href="#">get it</a>			
	NP-09 18/10/2000 3 . 2 . 0	<a href="#">get it</a>			
	NP-10 22/12/2000 3 . 3 . 0	<a href="#">get it</a>			
	NP-11 06/04/2001 3 . 4 . 0	<a href="#">get it</a>			
	NP-12 28/06/2001 3 . 5 . 0	<a href="#">get it</a>			

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<b>TR 23.911</b>	<b>Technical report on Out-of-band transcoder control</b>				
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	MCC:	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</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>			

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<b>TR 23.912</b>	<b>Technical report on Super-Charger</b>					
R99	current version: 3.1.0		WG (prime / other): N4 / -	rapporteur: SHARP, Iain		NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-05		G: yes U: yes	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,					
	Creation of WI by 13/10/1999	0 . 0 . 1	<a href="#">get it</a>	remarks - general:		
	WG/TB			remarks - this release: .		
	NP-05 13/10/1999	3 . 0 . 0	<a href="#">get it</a>			
	edito 02/05/2000	3 . 0 . 1	<a href="#">get it</a>			
	edito 09/05/2000	3 . 0 . 2	<a href="#">get it</a>			
	NP-14 10/01/2002	3 . 1 . 0	<a href="#">get it</a>			

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<b>TR 23.923</b>	<b>Combined GSM and Mobile IP mobility handling in UMTS IP CN</b>					
R99	current version: 3.0.0		WG (prime / other): S2 / -	rapporteur: HUBBARD, Elisabeth		TELIA AB
	freeze_meeting: SP-06		G: yes U: yes	MCC: SULTAN, Alain		
	history (event, available, version,					
	SP-03 23/04/1999	0 . 5 . 0	<a href="#">get it</a>	remarks - general:		
	SP-04 23/06/1999	0 . 6 . 0	<a href="#">get it</a>	remarks - this release: July 2001: (Sultan) contents out of date. Replaced by 23.228.		
	SP-05 15/10/1999	1 . 0 . 0	<a href="#">get it</a>			
	SP-06 05/06/2000	3 . 0 . 0	<a href="#">get it</a>			

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<b>TR 23.925</b>	<b>UMTS Core network based ATM transport</b>					
R99	current version: 0.2.0	DRAFT	WG (prime / other): S2 / -	rapporteur: ROUZ, Adel		FUJITSU Laboratories of Europe Limited
	freeze_meeting:		G: yes U: yes	MCC: SULTAN, Alain		
	history (event, available, version,					
	Table of Contents 22/04/1999	0 . 0 . 1	<a href="#">get it</a>	remarks - general: Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.		
	and Scope			remarks - this release: .		
	SP-03 23/04/1999	0 . 2 . 0	<a href="#">get it</a>			

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<b>TR 23.930</b>	<b>Iu Principles</b>					
R99	current version: 3.0.0		WG (prime / other): S2 / -	rapporteur: AXERUD, Bo		NOKIA TELECOMMUNICATIONS FINLAND
	freeze_meeting: SP-04		G: U: yes	MCC: SULTAN, Alain		
	history (event, available, version,					
	Table of Contents 15/11/1997	0 . 1 . 1	<a href="#">get it</a>	remarks - general:		
	and Scope			remarks - this release: .		
	First complete 01/04/1999	1 . 0 . 0	<a href="#">get it</a>			
	SP-03 23/04/1999	1 . 2 . 1	<a href="#">get it</a>			
	SP-04 23/06/1999	3 . 0 . 0	<a href="#">get it</a>			

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## TR 23.972 Circuit switched multimedia telephony

R99 *current version:* 3.0.0 *WG (prime / other):* N1 / - *rapporteur:* KAUKANEN, Timo NOKIA Corporation  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*  
Start of work 21/10/1999 0 . 0 . 1 [get it](#) *remarks - general:* New after TSG#5. Minor title change TSG#7.  
N1-08 21/10/1999 0 . 0 . 2 [get it](#) *remarks - this release:*  
N1-09 09/12/1999 0 . 0 . 3 [get it](#)  
N1-08 revision 29/10/1999 0 . 0 . 3 [get it](#)  
NP-07 15/03/2000 3 . 0 . 0 [get it](#)

R99 24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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

R99 *current version:* 3.1.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* SP-07 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*  
NP-07 17/03/2000 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-10 02/01/2001 3 . 1 . 0 [get it](#) *remarks - this release:*

## TS 24.007 Mobile radio interface signalling layer 3; General Aspects

R99 *current version:* 3.9.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-05 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*  
NP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5  
NP-06 17/12/1999 3 . 2 . 0 [get it](#) *remarks - this release:*  
NP-07 15/03/2000 3 . 3 . 0 [get it](#)  
edito 25/04/2000 3 . 3 . 1 [get it](#)  
NP-08 23/06/2000 3 . 4 . 0 [get it](#)  
NP-09 06/10/2000 3 . 5 . 0 [get it](#)  
NP-10 02/01/2001 3 . 6 . 0 [get it](#)  
NP-11 11/04/2001 3 . 7 . 0 [get it](#)  
NP-14 04/01/2002 3 . 8 . 0 [get it](#)  
NP-16 3 . 9 . 0

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

R99 current version: 3.12.0

WG (prime / other): N1 / -

rapporteur: HOWELL, Andrew MOTOROLA Ltd

freeze\_meeting: SP-03

G: yes U: yes

MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-03 23/04/1999 0 . 0 . 0

[get it](#)

remarks - general: CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to

NP-04 23/06/1999 3 . 0 . 0

[get it](#)

remarks - this release: be resolved till Jun00.

NP-05 13/10/1999 3 . 1 . 0

[get it](#)

NP-06 27/12/1999 3 . 2 . 0

[get it](#)

editorial correction 04/01/2000 3 . 2 . 1

[get it](#)

NP-07 15/03/2000 3 . 3 . 0

[get it](#)

edito 25/04/2000 3 . 3 . 1

[get it](#)

NP-08 23/06/2000 3 . 4 . 0

[get it](#)

Editorial 23/06/2000 3 . 4 . 1

[get it](#)

NP-09 06/10/2000 3 . 5 . 0

[get it](#)

NP-10 03/01/2001 3 . 6 . 0

[get it](#)

NP-11 06/04/2001 3 . 7 . 0

[get it](#)

edito 06/07/2001 3 . 7 . 1

[get it](#)

NP-12 13/07/2001 3 . 8 . 0

[get it](#)

NP-13 03/10/2001 3 . 9 . 0

[get it](#)

NP-14 11/01/2002 3 . 10 . 0

[get it](#)

NP-15 22/03/2002 3 . 11 . 0

[get it](#)

NP-16 3 . 12 . 0

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

R99 current version: 3.2.0

WG (prime / other): N4 / -

rapporteur: ANDERSEN, Niels MOTOROLA A/S

freeze\_meeting: SP-03

G: yes U: yes

MCC: KYMALAINEN, Kimmo

history (event, available, version,

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:

NP-14 10/01/2002 3 . 2 . 0

[get it](#)

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<b>TS 24.011</b>	<b>Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface</b>						
R99	current version: 3.6.0	WG (prime / other):	N1 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-05				Peter Skov		
	history (event, available, version,	G: yes	U: yes	MCC:	JORGENSEN, Per Johan		
	NP-05 13/10/1999						Transfer>TSG#4
	NP-06 17/12/1999						remarks - this release:
	NP-07 15/03/2000						
	NP-08 23/06/2000						
	NP-09 06/10/2000						
	NP-10 02/01/2001						
	NP-11 06/04/2001						

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<b>TS 24.022</b>	<b>Radio Link Protocol (RLP) for circuit switched bearer and teleservices</b>						
R99	current version: 3.4.0	WG (prime / other):	N3 / -	rapporteur:	KLEHN, Norbert	SIEMENS AG	
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	BOSWARTHICK, David		
	history (event, available, version,						
	NP-03 23/04/1999						CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link
	NP-05 13/10/1999						Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and
							the Base Station System - Mobile-services Switching Centre (BSS-MSC)
	NP-06 11/01/2000						
	NP-08 23/06/2000						
	edito 17/08/2000						
	NP-09 12/10/2000						

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<b>TS 24.030</b>	<b>Location Services (LCS); Supplementary service operations; Stage 3</b>						
R99	current version: 3.3.0	WG (prime / other):	N4 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: SP-08	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	NP-07 17/03/2000						remarks - general: TSG#7: txfrd from SMG to 3GPP for R99.
	NP-08 23/06/2000						remarks - this release: TSG#7:Decision to create.
	NP-12 27/06/2001						
	NP-14 10/01/2002						

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<b>TS 24.067</b>	<b>Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3</b>					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	PERLICK, Vivien	SAGEM Group
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999					3 . 0 . 0
	NP-10 21/12/2000					3 . 1 . 0
	NP-12 27/06/2001					3 . 2 . 0
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:		
		<a href="#">get it</a>				
<hr/>						
<b>TS 24.072</b>	<b>Call Deflection Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999					3 . 0 . 0
		<a href="#">get it</a>		remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 24.080</b>	<b>Mobile radio Layer 3 supplementary service specification; Formats and coding</b>					
R99	current version: 3.7.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999					3 . 0 . 0
	NP-06 17/12/1999					3 . 1 . 0
	NP-07 15/03/2000					3 . 2 . 0
	NP-08 23/06/2000					3 . 3 . 0
	NP-09 26/10/2000					3 . 4 . 0
	ASN.1 annex 24/01/2001					3 . 4 . 1
	updated					
	NP-12 04/07/2001					3 . 5 . 0
	NP-14 10/01/2002					3 . 6 . 0
	NP-16					3 . 7 . 0
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:		
		<a href="#">get it</a>				
		<a href="#">get it</a>				
		<a href="#">get it</a>				
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		<a href="#">get it</a>				
		<a href="#">get it</a>				
<hr/>						
<b>TS 24.081</b>	<b>Line Identification Supplementary Service; Stage 3</b>					
R99	current version: 3.1.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999					3 . 0 . 0
	NP-08 23/06/2000					3 . 1 . 0
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:		
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G = required in systems with GERAN acces; U = required in systems with UMTS

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[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

<b>TS 24.082</b>	<b>Call Forwarding supplementary service; Stage 3</b>	R99 current version: 3.0.0 freeze_meeting: SP-03 history (event, available, version, NP-03 23/04/1999 3 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: DETTNER, Harald MCC: KYMALAINEN, Kimmo	SIEMENS AG	<a href="#">get it</a> remarks - general: remarks - this release: .
<b>TS 24.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3</b>	R99 current version: 3.0.0 freeze_meeting: SP-03 history (event, available, version, NP-03 23/04/1999 3 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: RUSSELL, Nick MCC: KYMALAINEN, Kimmo	VODAFONE Group Plc	<a href="#">get it</a> remarks - general: remarks - this release: .
<b>TS 24.084</b>	<b>MultiParty (MPTY) Supplementary Service; Stage 3</b>	R99 current version: 3.0.0 freeze_meeting: SP-03 history (event, available, version, NP-03 23/04/1999 3 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: RUSSELL, Nick MCC: KYMALAINEN, Kimmo	VODAFONE Group Plc	<a href="#">get it</a> remarks - general: remarks - this release: .
<b>TS 24.085</b>	<b>Closed User Group (CUG) Supplementary Service; Stage 3</b>	R99 current version: 3.0.0 freeze_meeting: SP-03 history (event, available, version, NP-03 23/04/1999 3 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: DETTNER, Harald MCC: KYMALAINEN, Kimmo	SIEMENS AG	<a href="#">get it</a> remarks - general: remarks - this release: .
<b>TS 24.086</b>	<b>Advice of Charge (AoC) Supplementary Service; Stage 3</b>	R99 current version: 3.0.0 freeze_meeting: SP-03 history (event, available, version, NP-03 23/04/1999 3 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: DETTNER, Harald MCC: KYMALAINEN, Kimmo	SIEMENS AG	<a href="#">get it</a> remarks - general: remarks - this release: .

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[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

<b>TS 24.087</b>	<b>User-to-User Signalling (UUS); Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: DETTNER, Harald	SIEMENS AG		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<b>TS 24.088</b>	<b>Call Barring (CB) Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: DETTNER, Harald	SIEMENS AG		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<b>TS 24.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<b>TS 24.091</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE Group Plc		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<b>TS 24.093</b>	<b>Call Completion to Busy Subscriber (CCBS); Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: DETTNER, Harald	SIEMENS AG		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .

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

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[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0

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

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

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

R99 *current version:* 3.2.0  
*freeze\_meeting:* SP-07  
*history (event, available, version,*  
NP-07 15/03/2000 3 . 0 . 0  
NP-08 23/06/2000 3 . 1 . 0  
NP-14 10/01/2002 3 . 2 . 0

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

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

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R99

25 .- series

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

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

R99 current version: 3.11.0

freeze\_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

Editorial 15/03/2000 3 . 2 . 1

Editorial 25/04/2000 3 . 2 . 2

RP-08 23/06/2000 3 . 3 . 0

edito 31/07/2000 3 . 3 . 1

RP-09 13/10/2000 3 . 4 . 0

edito 10/11/2000 3 . 4 . 1

RP-10 02/01/2001 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 29/06/2001 3 . 7 . 0

RP-13 03/10/2001 3 . 8 . 0

RP-14 14/01/2002 3 . 9 . 0

RP-15 29/03/2002 3 . 10 . 0

RP-16 3 . 11 . 0

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

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

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



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

R99 *current version:* 3.11.0  
*freeze\_meeting:* SP-05

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

*history (event, available, version,*  
Table of Contents 04/02/1999 0 . 0 . 0  
and Scope  
First complete 04/03/1999 1 . 0 . 0  
RP-05 13/10/1999 3 . 0 . 0  
RP-06 17/12/1999 3 . 1 . 0  
RP-07 15/03/2000 3 . 2 . 0  
RP-08 23/06/2000 3 . 3 . 0  
RP-09 18/10/2000 3 . 4 . 0  
RP-10 22/12/2000 3 . 5 . 0  
RP-11 05/04/2001 3 . 6 . 0  
RP-12 29/06/2001 3 . 7 . 0  
RP-13 03/10/2001 3 . 8 . 0  
RP-14 14/01/2002 3 . 9 . 0  
RP-15 29/03/2002 3 . 10 . 0  
RP-16 3 . 11 . 0

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

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

R99 current version: 3.10.0

freeze\_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 13/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 29/06/2001 3 . 7 . 0

RP-13 03/10/2001 3 . 8 . 0

RP-14 14/01/2002 3 . 9 . 0

RP-15 29/03/2002 3 . 10 . 0

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

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

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

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

R99 current version: 3.11.0

freeze\_meeting: SP-05

WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

First complete	04/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	11/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	16/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-16		3	.	11	.	0

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

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## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

R99 current version: 3.5.0

freeze\_meeting: SP-06

WG (prime / other): R4 / - rapporteur: BARNES, David DTI - Department of Trade and Industry

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

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

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

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

R99 *current version:* 3.10.0

*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,*

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 3 . 10 . 0

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

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

R99 *current version:* 3.10.0

*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,*

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 3 . 10 . 0

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

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

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

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## TS 25.141 Base station conformance testing (FDD)

R99 current version: 3.10.0  
freeze\_meeting: SP-06

WG (prime / other): R4 / - rapporteur: NAKAMURA, Takaharu Fujitsu Limited  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,  
and Scope

Table of Contents	04/02/1999	0	.	0	.	1
First complete	23/04/1999	0	.	1	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	1	.	0	.	0
RP-05	13/10/1999	2	.	0	.	2
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	11/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
edito	09/01/2001	3	.	4	.	1
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	16/01/2002	3	.	8	.	0
RP-15	29/03/2002	3	.	9	.	0
RP-16		3	.	10	.	0

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remarks - this release:

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## TS 25.142 Base station conformance testing (TDD)

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-06

*history (event, available, version,*

RP-03	23/04/1999	0	.	0	.	0
RP-04	23/06/1999	0	.	0	.	1
RP-05	13/10/1999	2	.	0	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
edito	31/07/2000	3	.	2	.	1
RP-09	11/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	16/01/2002	3	.	8	.	0
RP-15	29/03/2002	3	.	9	.	0
RP-16		3	.	10	.	0

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
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## TS 25.201 Physical layer - general description

R99 *current version:* 3.4.0

*freeze\_meeting:* SP-05

*history (event, available, version,*

Table of Contents	16/10/1998	0	.	0	.	0
and Scope						
First complete	15/02/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	2	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	0	.	2
RP-08	23/06/2000	3	.	1	.	0
RP-14	09/01/2002	3	.	2	.	0
RP-15	29/03/2002	3	.	3	.	0
RP-16		3	.	4	.	0

WG (*prime / other*): R1 / - *rapporteur:* TOSKALA, Antti NOKIA Corporation  
G: U: yes *MCC:* IKEDA, Shinobu

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
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## TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

R99	<i>current version:</i> 3.11.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	WILDE, Andreas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-05	G:	U: yes	<i>MCC:</i>	IKEDA, Shinobu	
<i>history (event, available, version,</i>						
Table of Contents	04/02/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
and Scope				<i>remarks - this release:</i>		
First complete	04/03/1999	1 . 0 . 0	<a href="#">get it</a>			
RP-03	23/04/1999	2 . 0 . 0	<a href="#">get it</a>			
RP-04	23/06/1999	2 . 1 . 0	<a href="#">get it</a>			
RP-05	13/10/1999	3 . 0 . 0	<a href="#">get it</a>			
RP-06	12/12/1999	3 . 1 . 0	<a href="#">get it</a>			
RP-07	15/03/2000	3 . 2 . 0	<a href="#">get it</a>			
RP-08	23/06/2000	3 . 3 . 0	<a href="#">get it</a>			
RP-09	18/10/2000	3 . 4 . 0	<a href="#">get it</a>			
RP-10	22/12/2000	3 . 5 . 0	<a href="#">get it</a>			
RP-11	05/04/2001	3 . 6 . 0	<a href="#">get it</a>			
RP-12	28/06/2001	3 . 7 . 0	<a href="#">get it</a>			
RP-13	08/10/2001	3 . 8 . 0	<a href="#">get it</a>			
RP-14	09/01/2002	3 . 9 . 0	<a href="#">get it</a>			
RP-15	29/03/2002	3 . 10 . 0	<a href="#">get it</a>			
RP-16		3 . 11 . 0				

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

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## TS 25.212 Multiplexing and channel coding (FDD)

R99 current version: 3.10.0

freeze\_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

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 3 . 10 . 0

WG (prime / other): R1 / -

G: U: yes

rapporteur: TANAKA, Yoshinori

MCC: IKEDA, Shinobu

FUJITSU Laboratories of Europe Limited

[get it](#)

remarks - general:

remarks - this release:

[get it](#)

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## TS 25.213 Spreading and modulation (FDD)

R99 current version: 3.8.0

freeze\_meeting: SP-05

history (event, available, version,

draft 04/02/1999 0 . 0 . 0

draft 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 2 . 1 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-10 22/12/2000 3 . 4 . 0

RP-11 05/04/2001 3 . 5 . 0

RP-12 28/06/2001 3 . 6 . 0

RP-14 09/01/2002 3 . 7 . 0

RP-16 3 . 8 . 0

WG (prime / other): R1 / -

G: U: yes

rapporteur: CHAMBERS, Peter

MCC: IKEDA, Shinobu

SIEMENS AG

[get it](#)

remarks - general:

remarks - this release:

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



# 3GPP specification status

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Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.214 Physical layer procedures (FDD)

R99 current version: 3.10.0

freeze\_meeting: SP-05

history (event, available, version,

RP-03	23/04/1999	1	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0

WG (prime / other): R1 / - rapporteur: IKEDA, Shinobu  
G: U: yes MCC: IKEDA, Shinobu

ETSI Secretariat

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

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## TS 25.215 Physical layer; Measurements (FDD)

R99 current version: 3.10.0

freeze\_meeting: SP-05

history (event, available, version,

RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0

WG (prime / other): R1 / - rapporteur: IKEDA, Shinobu  
G: U: yes MCC: IKEDA, Shinobu

ETSI Secretariat

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

# 3GPP specification status

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Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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

R99	<i>current version:</i> 3.10.0	WG ( <i>prime / other</i> ):	R1 / -	<i>rapporteur:</i>	HIRAMATSU, Katsuhiko	Matsushita Communication Industrial Co, Ltd
	<i>freeze_meeting:</i> SP-05	G:	U: yes	<i>MCC:</i>	IKEDA, Shinobu	
<i>history (event, available, version,</i>						
Table of Contents	04/02/1999	0 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
and Scope					<i>remarks - this release:</i>	
RP-03	23/04/1999	1 . 0 . 0		<a href="#">get it</a>		
RP-04	23/06/1999	1 . 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>		

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

# 3GPP specification status

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Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.222 Multiplexing and channel coding (TDD)

R99 current version: 3.9.0

freeze\_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

edito 03/05/2000 3 . 2 . 1

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-13 08/10/2001 3 . 7 . 0

RP-15 29/03/2002 3 . 8 . 0

RP-16 3 . 9 . 0

WG (prime / other): R1 / - rapporteur: KAHTAVA, Jussi

G: U: yes MCC: IKEDA, Shinobu

Nokia Japan Co. Ltd

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

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## TS 25.223 Spreading and modulation (TDD)

R99 current version: 3.8.0

freeze\_meeting: SP-05

history (event, available, version,

Creation of WI by 15/01/1999 0 . 0 . 0

WG/TB

First complete 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: IKEDA, Shinobu

G: U: yes MCC: IKEDA, Shinobu

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

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

# 3GPP specification status

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Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.224 Physical layer procedures (TDD)

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-05

*history (event, available, version,*

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-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

*WG (prime / other):* R1 / -

*G:* U: yes

*rapporteur:* OESTREICH, Stefan

*MCC:* IKEDA, Shinobu

SIEMENS AG

[get it](#)

*remarks - general:*

*remarks - this release:*

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## TS 25.225 Physical layer; Measurements (TDD)

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-05

*history (event, available, version,*

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 28/06/2001 3 . 7 . 0

RP-13 08/10/2001 3 . 8 . 0

RP-14 09/01/2002 3 . 9 . 0

RP-16 3 . 10 . 0

*WG (prime / other):* R1 / -

*G:* U: yes

*rapporteur:* IKEDA, Shinobu

*MCC:* IKEDA, Shinobu

ETSI Secretariat

[get it](#)

*remarks - general:*

*remarks - this release:*

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

# 3GPP specification status

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Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.301 Radio Interface Protocol Architecture

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-03

*history (event, available, version,*

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

First complete 04/03/1999 1 . 0 . 0

WG approval 16/04/1999 2 . 0 . 0

RP-03 23/04/1999 3 . 0 . 0

RP-04 23/06/1999 3 . 1 . 0

RP-05 13/10/1999 3 . 2 . 0

RP-06 17/12/1999 3 . 3 . 0

RP-07 15/03/2000 3 . 4 . 0

RP-08 30/06/2000 3 . 5 . 0

RP-09 16/10/2000 3 . 6 . 0

RP-11 27/03/2001 3 . 7 . 0

RP-12 19/06/2001 3 . 8 . 0

RP-14 04/01/2002 3 . 9 . 0

RP-16 3 . 10 . 0

*WG (prime / other):* R2 / -

*G:* U: yes

*rapporteur:*

*MCC:*

GRANZOW, Wolfgang

VAN DER VEEN, Hans

ERICSSON Eurolab Deutschland GmbH

[get it](#)

*remarks - general:*

*remarks - this release:*

[get it](#)

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

# 3GPP specification status

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

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## TS 25.302 Services provided by the physical layer

R99 *current version:* 3.13.0  
*freeze\_meeting:* SP-05

WG (*prime / other*): R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
G: U: yes *MCC:* VAN DER VEEN, Hans

*history (event, available, version,*

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete	04/03/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	2	.	3	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	4	.	0
RP-08	23/06/2000	3	.	5	.	0
RP-09	16/10/2000	3	.	6	.	0
RP-10	20/12/2000	3	.	7	.	0
RP-11	27/03/2001	3	.	8	.	0
RP-12	19/06/2001	3	.	9	.	0
RP-13	02/10/2001	3	.	10	.	0
RP-14	04/01/2002	3	.	11	.	0
RP-15	19/03/2002	3	.	12	.	0
RP-16		3	.	13	.	0

[get it](#)

*remarks - general:*

V3.0.0 approved via e-mail July 99 CR at TSG#5?

*remarks - this release:*

[get it](#)

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

# 3GPP specification status

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Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.303 Interlayer procedures in Connected Mode

R99 *current version:* 3.12.0  
*freeze\_meeting:* SP-04

WG (*prime / other*): R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center  
G: U: yes *MCC:* VAN DER VEEN, Hans

*history (event, available, version,*  
Table of Contents 04/02/1999 0 . 0 . 0  
and Scope  
First complete 04/03/1999 1 . 0 . 0  
RP-03 23/04/1999 2 . 0 . 0  
RP-04 23/06/1999 3 . 0 . 0  
RP-05 13/10/1999 3 . 1 . 0  
RP-06 12/12/1999 3 . 2 . 0  
RP-07 15/03/2000 3 . 3 . 0  
RP-08 23/06/2000 3 . 4 . 0  
RP-09 16/10/2000 3 . 5 . 0  
RP-10 20/12/2000 3 . 6 . 0  
RP-11 27/03/2001 3 . 7 . 0  
RP-12 19/06/2001 3 . 8 . 0  
RP-13 02/10/2001 3 . 9 . 0  
RP-14 04/01/2002 3 . 10 . 0  
RP-15 19/03/2002 3 . 11 . 0  
RP-16 3 . 12 . 0

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

# 3GPP specification status

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Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.304 UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode

R99 *current version:* 3.11.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation  
*freeze\_meeting:* SP-05 *G:* *U:* yes *MCC:* VAN DER VEEN, Hans

*history (event, available, version,*

Start of work	15/01/1999	0	.	1	.	1
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	2	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	16/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	27/03/2001	3	.	6	.	0
RP-12	27/06/2001	3	.	7	.	0
RP-13	02/10/2001	3	.	8	.	0
RP-14	04/01/2002	3	.	9	.	0
RP-15	19/03/2002	3	.	10	.	0
RP-16		3	.	11	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
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## TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

R99 *current version:* 3.8.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-07 *G:* *U:* yes *MCC:* VAN DER VEEN, Hans

*history (event, available, version,*

RP-05	13/10/1999	1	.	4	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	16/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	27/03/2001	3	.	5	.	0
RP-12	19/06/2001	3	.	6	.	0
RP-14	04/01/2002	3	.	7	.	0
RP-15	19/03/2002	3	.	8	.	0

[get it](#) *remarks - general:* Created from 25.923  
[get it](#) *remarks - this release:*  
[get it](#)  
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G = required in systems with GERAN acces; U = required in systems with UMTS



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Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.306 UE Radio Access capabilities definition

R99 *current version:* 3.6.0 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* SP-10 *G:* U: yes *MCC:* VAN DER VEEN, Hans

*history (event, available, version,*  
RP-10 22/12/2000 3 . 0 . 0 [get it](#) *remarks - general:* Converted from TR 25.926 at TSG#10.  
RP-11 27/03/2001 3 . 1 . 0 [get it](#) *remarks - this release:* Converted from TR 25.926 v3.2.0 Nov 00.  
RP-12 19/06/2001 3 . 2 . 0 [get it](#)  
RP-13 02/10/2001 3 . 3 . 0 [get it](#)  
RP-14 04/01/2002 3 . 4 . 0 [get it](#)  
RP-15 19/03/2002 3 . 5 . 0 [get it](#)  
RP-16 3 . 6 . 0

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## 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:* VAN DER VEEN, Hans

*history (event, available, version,*  
RP-12 27/06/2001 2 . 0 . 0 RP-010326, to be approved RP-13. [get it](#) *remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling  
RP-13 01/10/2001 2 . 1 . 0 RP-010557, but not for approval? - [get it](#) *remarks - this release:* Expect continual updates each time a new band is allowed. requirements, R4 = RF &  
RMM requirements.  
debate!  
RP-13 02/10/2001 3 . 0 . 0 Was approved after all! [get it](#)  
RP-14 04/01/2002 3 . 1 . 0 [get it](#)

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

# 3GPP specification status

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

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

R99 current version: 3.12.0  
freeze\_meeting: TP-04

WG (prime / other): R2 / - rapporteur: GESSNER, Christina SIEMENS AG  
G: U: yes MCC: VAN DER VEEN, Hans

history (event, available, version,  
Table of Contents 04/02/1999 0 . 0 . 0  
and Scope  
draft 04/03/1999 1 . 0 . 0  
RP-03 23/04/1999 2 . 0 . 0  
RP-04 23/06/1999 3 . 0 . 0  
RP-05 13/10/1999 3 . 1 . 0  
RP-06 12/12/1999 3 . 2 . 0  
RP-07 15/03/2000 3 . 3 . 0  
RP-08 23/06/2000 3 . 4 . 0  
RP-09 16/10/2000 3 . 5 . 0  
RP-10 20/12/2000 3 . 6 . 0  
RP-11 27/03/2001 3 . 7 . 0  
RP-12 19/06/2001 3 . 8 . 0  
RP-13 02/10/2001 3 . 9 . 0  
RP-14 04/01/2002 3 . 10 . 0  
RP-15 19/03/2002 3 . 11 . 0  
RP-16 3 . 12 . 0

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

# 3GPP specification status

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Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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

R99 current version: 3.11.0

freeze\_meeting: SP-05

WG (prime / other): R2 / - rapporteur: MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION

G: U: yes MCC: VAN DER VEEN, Hans

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 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 3 . 11 . 0

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

[get it](#)

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

R99 current version: 3.9.0

freeze\_meeting: SP-06

WG (prime / other): R2 / - rapporteur: HANS, Martin SIEMENS AG

G: U: yes MCC: VAN DER VEEN, Hans

history (event, available, version,

RP-05 13/10/1999 0 . 1 . 0

RP-06 17/12/1999 3 . 0 . 0

RP-07 15/03/2000 3 . 1 . 0

RP-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 3 . 9 . 0

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

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[get it](#)

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

# 3GPP specification status

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Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.324 Broadcast/Multicast Control (BMC)

R99 current version: 3.5.0

freeze\_meeting: SP-06

history (event, available, version,

RP-05	13/10/1999	0	.	1	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-09	06/10/2000	3	.	2	.	0
RP-10	20/12/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0
RP-16		3	.	5	.	0

WG (prime / other): R2 / - rapporteur: HARTL, Mike Vodafone D2 GmbH  
G: U: yes MCC: VAN DER VEEN, Hans

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

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

R99 current version: 3.11.0

freeze\_meeting: SP-05

history (event, available, version,

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete	04/03/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	06/10/2000	3	.	4	.	0
removal of CR	06/10/2000	3	.	4	.	1
RP-10	21/12/2000	3	.	5	.	0
RP-11	27/03/2001	3	.	6	.	0
RP-12	27/06/2001	3	.	7	.	0
RP-13	01/10/2001	3	.	8	.	0
RP-14	04/01/2002	3	.	9	.	0
RP-15	25/03/2002	3	.	10	.	0
RP-16		3	.	11	.	0

WG (prime / other): R2 / - rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd  
G: U: yes MCC: VAN DER VEEN, Hans

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

# 3GPP specification status

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Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.401 UTRAN Overall Description

R99 current version: 3.10.0

freeze\_meeting: SP-05

WG (prime / other): R3 / - rapporteur: CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)  
G: U: yes MCC: TAYLOR, Carolyn

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

[get it](#) remarks - general: Approval at TSG#5  
remarks - this release:

and Scope First complete 04/03/1999 1 . 0 . 0

[get it](#)

RP-04 23/06/1999 1 . 1 . 1

[get it](#)

RP-05 13/10/1999 3 . 0 . 0

[get it](#)

RP-06 17/12/1999 3 . 1 . 0

[get it](#)

RP-07 15/03/2000 3 . 2 . 0

[get it](#)

RP-08 23/06/2000 3 . 3 . 0

[get it](#)

RP-09 05/10/2000 3 . 4 . 0

[get it](#)

RP-10 21/12/2000 3 . 5 . 0

[get it](#)

RP-11 06/04/2001 3 . 6 . 0

[get it](#)

RP-12 06/07/2001 3 . 7 . 0

[get it](#)

RP-13 12/10/2001 3 . 8 . 0

[get it](#)

RP-15 02/04/2002 3 . 9 . 0

[get it](#)

RP-16 3 . 10 . 0

## TS 25.402 Synchronisation in UTRAN Stage 2

R99 current version: 3.10.0

freeze\_meeting: SP-06

WG (prime / other): R3 / - rapporteur: PIOLINI, Flavio SIEMENS Information and Communication Networks  
G: U: yes MCC: TAYLOR, Carolyn SpA

history (event, available, version,

RP-05 13/10/1999 0 . 0 . 1

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

RP-06 17/12/1999 3 . 0 . 0

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

RP-07 17/03/2000 3 . 1 . 0

[get it](#)

RP-08 23/06/2000 3 . 2 . 0

[get it](#)

RP-09 05/10/2000 3 . 3 . 0

[get it](#)

RP-10 22/12/2000 3 . 4 . 0

[get it](#)

RP-11 06/04/2001 3 . 5 . 0

[get it](#)

RP-12 06/07/2001 3 . 6 . 0

[get it](#)

RP-13 12/10/2001 3 . 7 . 0

[get it](#)

RP-14 11/01/2002 3 . 8 . 0

[get it](#)

RP-15 02/04/2002 3 . 9 . 0

[get it](#)

RP-16 3 . 10 . 0

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

# 3GPP specification status

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## TS 25.410 UTRAN lu Interface: General Aspects and Principles

R99 current version: 3.7.0

freeze\_meeting: SP-05

WG (prime / other): R3 / - rapporteur: TOWNEND, Richard mm02 plc

G: U: yes MCC: TAYLOR, Carolyn

history (event, available, version,

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 3 . 7 . 0

[get it](#) remarks - general: Approval at TSG#5

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

[get it](#)

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## TS 25.411 UTRAN lu interface layer 1

R99 current version: 3.5.0

freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: BRANDT, Achim V. SIEMENS AG

G: U: yes MCC: TAYLOR, Carolyn

history (event, available, version,

RP-03 23/04/1999 0 . 0 . 0

TB adoption of WI 15/01/1999 0 . 0 . 0

Creation of WI by 15/01/1999 0 . 0 . 0

WG/TB

RP-04 23/06/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-10 21/12/2000 3 . 3 . 0

RP-11 06/04/2001 3 . 4 . 0

RP-12 06/07/2001 3 . 5 . 0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

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

# 3GPP specification status

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Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.412 UTRAN Iu interface signalling transport

R99 *current version:* 3.6.0

*freeze\_meeting:* SP-04

*history (event, available, version,*

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 / -

*G:* U: yes

*rapporteur:* THAKARE, Kiran

*MCC:* TAYLOR, Carolyn

RadioScope Limited

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

*remarks - this release:*

[get it](#)

[get it](#)

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[get it](#)

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[get it](#)

## TS 25.413 UTRAN Iu interface RANAP signalling

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-06

*history (event, available, version,*

draft 04/02/1999 0 . 0 . 0

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 1 . 0 . 2

RP-05 13/10/1999 1 . 3 . 1

RP-06 17/12/1999 3 . 0 . 0

RP-07 15/03/2000 3 . 1 . 0

RP-08 23/06/2000 3 . 2 . 0

RP-09 05/10/2000 3 . 3 . 0

RP-10 22/12/2000 3 . 4 . 0

RP-11 06/04/2001 3 . 5 . 0

RP-12 06/07/2001 3 . 6 . 0

RP-13 12/10/2001 3 . 7 . 0

RP-14 14/01/2002 3 . 8 . 0

RP-15 02/04/2002 3 . 9 . 0

RP-16 3 . 10 . 0

*WG (prime / other):* R3 / -

*G:* U: yes

*rapporteur:* JUSSILA, Jyrki

*MCC:* TAYLOR, Carolyn

NOKIA Corporation

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

*remarks - this release:*

[get it](#)

[get it](#)

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

# 3GPP specification status

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## TS 25.414 UTRAN lu interface data transport & transport signalling

R99 current version: 3.11.0

freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: COMSTOCK, David Telefon AB LM Ericsson

G: U: yes MCC: TAYLOR, Carolyn

history (event, available, version,

draft	04/02/1999	0	.	0	.	0
draft	04/03/1999	1	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
RP-09	05/10/2000	3	.	5	.	0
RP-10	21/12/2000	3	.	6	.	0
RP-11	06/04/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	02/04/2002	3	.	10	.	0
RP-16		3	.	11	.	0

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

## TS 25.415 UTRAN lu interface user plane protocols

R99 current version: 3.11.0

freeze\_meeting: SP-05

WG (prime / other): R3 / - rapporteur: MAUPIN, Alain Telefon AB LM Ericsson

G: U: yes MCC: TAYLOR, Carolyn

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	1	.	3
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	05/10/2000	3	.	4	.	0
RP-10	21/12/2000	3	.	5	.	0
RP-11	06/04/2001	3	.	6	.	0
RP-12	06/07/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	25/03/2002	3	.	10	.	0
RP-16		3	.	11	.	0

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

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



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## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

R99 *current version:* 3.9.0 *WG (prime / other):* R3 / - *rapporteur:* TAYLOR, Carolyn Motorola Ltd  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* TAYLOR, Carolyn  
*history (event, available, version,*  
RP-06 17/12/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
RP-07 2 . 0 . 0 RP-000113 [get it](#) *remarks - this release:*  
RP-07 15/03/2000 3 . 0 . 0 [get it](#)  
RP-08 23/06/2000 3 . 1 . 0 [get it](#)  
RP-09 05/10/2000 3 . 2 . 0 [get it](#)  
RP-10 21/12/2000 3 . 3 . 0 [get it](#)  
RP-11 06/04/2001 3 . 4 . 0 [get it](#)  
RP-12 06/07/2001 3 . 5 . 0 [get it](#)  
RP-13 12/10/2001 3 . 6 . 0 [get it](#)  
RP-14 11/01/2002 3 . 7 . 0 [get it](#)  
RP-15 02/04/2002 3 . 8 . 0 [get it](#)  
RP-16 3 . 9 . 0

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## TS 25.420 UTRAN Iur Interface: General Aspects and Principles

R99 *current version:* 3.5.0 *WG (prime / other):* R3 / - *rapporteur:* THAKARE, Kiran RadioScape Limited  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* TAYLOR, Carolyn  
*history (event, available, version,*  
RP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - general:*  
RP-04 23/06/1999 0 . 1 . 3 [get it](#) *remarks - this release:*  
RP-05 13/10/1999 1 . 0 . 1 [get it](#)  
RP-06 12/12/1999 3 . 0 . 0 [get it](#)  
RP-07 15/03/2000 3 . 1 . 0 [get it](#)  
RP-09 05/10/2000 3 . 2 . 0 [get it](#)  
RP-11 05/04/2001 3 . 3 . 0 [get it](#)  
RP-14 11/01/2002 3 . 4 . 0 [get it](#)  
RP-15 02/04/2002 3 . 5 . 0 [get it](#)

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## TS 25.421 UTRAN Iur interface Layer 1

R99 *current version:* 3.1.0 *WG (prime / other):* R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG  
*freeze\_meeting:* SP-04 *G:* *U:* yes *MCC:* TAYLOR, Carolyn  
*history (event, available, version,*  
RP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
RP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:*  
RP-11 06/04/2001 3 . 1 . 0 [get it](#)

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

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

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## TS 25.422 UTRAN lur interface signalling transport

R99 *current version:* 3.6.1  
*freeze\_meeting:* SP-04

WG (*prime / other*): R3 / - *rapporteur:* THAKARE, Kiran  
G: U: yes *MCC:* TAYLOR, Carolyn

RadioScope Limited

*history (event, available, version,*

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
edito	05/10/2000	3	.	4	.	1
RP-10	21/12/2000	3	.	5	.	0
RP-14	11/01/2002	3	.	6	.	0
edito post RP-14	02/04/2002	3	.	6	.	1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
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## TS 25.423 UTRAN lur interface RNSAP signalling

R99 *current version:* 3.10.0  
*freeze\_meeting:* SP-06

WG (*prime / other*): R3 / - *rapporteur:* RUNE, Göran  
G: U: yes *MCC:* TAYLOR, Carolyn

Ericsson AB

*history (event, available, version,*

draft	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	1
RP-05	13/10/1999	1	.	4	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	02/01/2001	3	.	4	.	0
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	02/04/2002	3	.	9	.	0
RP-16		3	.	10	.	0

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

# 3GPP specification status

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## TS 25.424 UTRAN lur 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:* TAYLOR, Carolyn

*history (event, available, version,*  
WG approval 19/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
RP-03 23/04/1999 1 . 0 . 0 [get it](#) *remarks - this release:*  
RP-04 23/06/1999 3 . 0 . 0 [get it](#)  
RP-06 12/12/1999 3 . 1 . 0 [get it](#)  
RP-05 13/10/1999 3 . 1 . 0 [get it](#)  
RP-07 15/03/2000 3 . 2 . 0 [get it](#)  
RP-08 23/06/2000 3 . 3 . 0 [get it](#)  
RP-09 05/10/2000 3 . 4 . 0 [get it](#)  
RP-10 21/12/2000 3 . 5 . 0 [get it](#)  
RP-11 06/04/2001 3 . 6 . 0 [get it](#)  
RP-14 11/01/2002 3 . 7 . 0 [get it](#)  
RP-15 02/04/2002 3 . 8 . 0 [get it](#)  
RP-16 3 . 9 . 0

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## TS 25.425 UTRAN lur 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:* TAYLOR, Carolyn

*history (event, available, version,*  
draft 19/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
RP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - this release:*  
RP-04 23/06/1999 0 . 2 . 0 [get it](#)  
RP-05 13/10/1999 0 . 2 . 5 [get it](#)  
RP-06 12/12/1999 3 . 0 . 0 [get it](#)  
RP-07 15/03/2000 3 . 1 . 0 [get it](#)  
RP-08 23/06/2000 3 . 2 . 0 [get it](#)  
RP-10 21/12/2000 3 . 3 . 0 [get it](#)  
RP-11 06/04/2001 3 . 4 . 0 [get it](#)  
RP-13 12/10/2001 3 . 5 . 0 [get it](#)  
RP-14 11/01/2002 3 . 6 . 0 [get it](#)  
RP-15 02/04/2002 3 . 7 . 0 [get it](#)

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

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<b>TS 25.426</b>	<b>UTRAN lur and lub 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:	TAYLOR, Carolyn	
	history (event, available, version,					
	WG approval	19/03/1999	0 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	RP-03	23/04/1999	1 . 0 . 0	<a href="#">get it</a>	remarks - this release:	
	RP-04	23/06/1999	3 . 0 . 0	<a href="#">get it</a>		
	RP-05	13/10/1999	3 . 1 . 0	<a href="#">get it</a>		
	RP-07	15/03/2000	3 . 2 . 0	<a href="#">get it</a>		
	RP-08	23/06/2000	3 . 3 . 0	<a href="#">get it</a>		
	RP-09	05/10/2000	3 . 4 . 0	<a href="#">get it</a>		
	RP-10	21/12/2000	3 . 5 . 0	<a href="#">get it</a>		
	RP-11	06/04/2001	3 . 6 . 0	<a href="#">get it</a>		
	RP-14	11/01/2002	3 . 7 . 0	<a href="#">get it</a>		
	RP-15	04/04/2002	3 . 8 . 0	<a href="#">get it</a>		
	RP-16		3 . 9 . 0			

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<b>TS 25.427</b>	<b>UTRAN lur and lub interface user plane protocols for DCH data streams</b>					
R99	current version: 3.9.0	WG (prime / other):	R3 / -	rapporteur:	LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND
	freeze_meeting: SP-05	G:	U: yes	MCC:	TAYLOR, Carolyn	
	history (event, available, version,					
	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>		

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## 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: WILSON, Mick  
G: U: yes MCC: TAYLOR, Carolyn

FUJITSU Laboratories of Europe Limited

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	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		3	.	8	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
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[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: BRANDT, Achim V.  
G: U: yes MCC: TAYLOR, Carolyn

SIEMENS AG

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
Creation of WI by	15/01/1999	0	.	0	.	0
WG/TB						
RP-04	23/06/1999	3	.	0	.	0
RP-11	06/04/2001	3	.	1	.	0

[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: WILSON, Mick  
G: U: yes MCC: TAYLOR, Carolyn

FUJITSU Laboratories of Europe Limited

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0

[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

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## TS 25.433 UTRAN lub interface NBAP signalling

R99 current version: 3.10.0

freeze\_meeting: SP-06

WG (prime / other): R3 / - rapporteur: ISHIKAWA, Nobutaka NTT DoCoMo Inc

G: U: yes MCC: TAYLOR, Carolyn

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	0	.	2
RP-05	13/10/1999	1	.	3	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
edito	01/02/2001	3	.	4	.	1
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	04/04/2002	3	.	9	.	0
RP-16		3	.	10	.	0

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

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## TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

R99 current version: 3.8.0

freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: ALDEN, Magnus Telia Research AB

G: U: yes MCC: TAYLOR, Carolyn

history (event, available, version,

draft	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	21/12/2000	3	.	4	.	0
RP-11	06/04/2001	3	.	5	.	0
RP-14	11/01/2002	3	.	6	.	0
RP-15	02/04/2002	3	.	7	.	0
RP-16		3	.	8	.	0

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

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<b>TS 25.435</b>	<b>UTRAN lub interface user plane protocols for CCH data streams</b>						
R99	current version: 3.10.0		WG (prime / other): R3 / -	rapporteur: CALMEL, Jean-Marie		NORTEL NETWORKS (EUROPE)	
	freeze_meeting: SP-05		G: U: yes	MCC: TAYLOR, Carolyn			
	history (event, available, version,						
	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 10/10/2000	3 . 4 . 0		<a href="#">get it</a>			
	RP-10 21/12/2000	3 . 5 . 0		<a href="#">get it</a>			
	RP-11 06/04/2001	3 . 6 . 0		<a href="#">get it</a>			
	RP-12 06/07/2001	3 . 7 . 0		<a href="#">get it</a>			
	RP-13 12/10/2001	3 . 8 . 0		<a href="#">get it</a>			
	RP-14 11/01/2002	3 . 9 . 0		<a href="#">get it</a>			
	RP-15 02/04/2002	3 . 10 . 0		<a href="#">get it</a>			
<hr/>							
<b>TS 25.442</b>	<b>UTRAN implementation-specific O&amp;M transport</b>						
R99	current version: 3.1.0		WG (prime / other): R3 / -	rapporteur: RECKER, Stephan		Indicate persons who left Company and wait for new	
	freeze_meeting: SP-05		G: U: yes	MCC: TAYLOR, Carolyn		One	
	history (event, available, version,						
	RP-03 23/04/1999	0 . 0 . 0		<a href="#">get it</a>	remarks - general:		
	RP-04 23/06/1999	0 . 0 . 2		<a href="#">get it</a>	remarks - this release:		
	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>			
<hr/>							
<b>TR 25.831</b>	<b>Study Items for future release</b>						
R99	current version: 0.0.2	DRAFT	WG (prime / other): R3 / -	rapporteur: DREVON, Nicolas		ALCATEL S.A.	
	freeze_meeting:		G: U: yes	MCC: TAYLOR, Carolyn			
	history (event, available, version,						
	RP-03 23/04/1999	0 . 0 . 0		<a href="#">get it</a>	remarks - general:		
	RP-04 23/06/1999	0 . 0 . 2		<a href="#">get it</a>	remarks - this release: .		

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<b>TR 25.832</b>	<b>Manifestations of Handover and SRNS relocation</b>					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard	mm02 plc	
	<i>freeze_meeting:</i> SP-05		<i>G:</i>	<i>MCC:</i> TAYLOR, Carolyn		
	<i>history (event, available, version,</i>		<i>U: yes</i>			
	First complete 04/03/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	WG approval 19/03/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	RP-03 23/04/1999	2 . 0 . 0	<a href="#">get it</a>			
	RP-04 23/06/1999	2 . 1 . 1	<a href="#">get it</a>			
	RP-05 13/10/1999	3 . 0 . 0	<a href="#">get it</a>			

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<b>TR 25.833</b>	<b>Physical layer items not for inclusion in Release 99</b>					
R99	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	ETSI Secretariat	
	<i>freeze_meeting:</i>		<i>G:</i>	<i>MCC:</i> IKEDA, Shinobu		
	<i>history (event, available, version,</i>		<i>U: yes</i>			
	RP-08 12/01/2001	1 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Created Jan 2000 (aka R1.03)		
				<i>remarks - this release:</i>		

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<b>TR 25.853</b>	<b>Delay budget within the access stratum</b>					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DELL'ACQUA, Massimo	SIEMENS Information and Communication Networks SpA	
	<i>freeze_meeting:</i> RP-11		<i>G:</i>	<i>MCC:</i> TAYLOR, Carolyn		
	<i>history (event, available, version,</i>		<i>U: yes</i>			
	draft 06/04/2001	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Was 25.932. Approved and renumbered at TSG#10.		
	RP-10 22/12/2000	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> TSG#10:3.0.0 (is evidently R99 not Rel-4)		
	RP-11 06/04/2001	3 . 1 . 0	<a href="#">get it</a>			

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

R99 *current version:* 3.7.0 *WG (prime / other):* R2 / - *rapporteur:* KALLA, Gairn NOKIA UK Ltd  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* VAN DER VEEN, Hans

*history (event, available, version,*  
Table of Contents 04/02/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
*and Scope* *remarks - this release:*

RP-03	23/04/1999	1 . 0 . 0	<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>

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## TR 25.922 Radio Resource Management Strategies

R99 *current version:* 3.7.0 *WG (prime / other):* R2 / - *rapporteur:* BULDORINI, Andrea Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* VAN DER VEEN, Hans

*history (event, available, version,*  
First complete 04/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
*and Scope* *remarks - this release:*

RP-03	23/04/1999	0 . 1 . 1	<a href="#">get it</a>
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>

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## 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: VAN DER VEEN, Hans

history (event, available, version,

First complete	04/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	0	.	2
RP-04	23/06/1999	0	.	1	.	0
RP-05	13/10/1999	0	.	2	.	0
RP-06	21/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-09	06/10/2000	3	.	2	.	0
RP-10	20/12/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0

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

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## 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: TAYLOR, Carolyn

history (event, available, version,

RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	1
RP-05	13/10/1999	1	.	2	.	2
RP-07	15/03/2000	1	.	2	.	4
RP-08	23/06/2000	3	.	0	.	0
RP-09	05/10/2000	3	.	1	.	0
RP-10	21/12/2000	3	.	2	.	0
RP-11	06/04/2001	3	.	3	.	0
RP-12	05/07/2001	3	.	4	.	0
RP-14	11/01/2002	3	.	5	.	0
RP-15	02/04/2002	3	.	6	.	0
RP-16		3	.	7	.	0

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

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<b>TR 25.941</b>	<b>Document structure</b>								
R99	current version: 3.1.0		WG (prime / other): R4 / -	rapporteur: TAKAMI, Tadao	NTT DoCoMo Inc				
	freeze_meeting: RP-06		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar					
	history (event, available, version,								
	RP-03 23/04/1999	0 . 0 . 1		<a href="#">get it</a>	remarks - general:				
	RP-04 23/06/1999	1 . 0 . 0		<a href="#">get it</a>	remarks - this release:				
	RP-05 13/10/1999	3 . 0 . 0		<a href="#">get it</a>					
	RP-06 17/12/1999	3 . 1 . 0		<a href="#">get it</a>					

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<b>TR 25.942</b>	<b>RF system scenarios</b>								
R99	current version: 3.3.0		WG (prime / other): R4 / -	rapporteur: BENABDALLAH, Nadia	OMNITEL Pronto Italia SpA				
	freeze_meeting: SP-11		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar					
	history (event, available, version,								
	RP-03 23/04/1999	0 . 0 . 2		<a href="#">get it</a>	remarks - general: Additional rapporteur = A.De Pasquale.				
	RP-04 23/06/1999	1 . 0 . 0		<a href="#">get it</a>	remarks - this release:				
	RP-05 13/10/1999	2 . 0 . 0		<a href="#">get it</a>					
	RP-06 12/12/1999	2 . 1 . 1		<a href="#">get it</a>					
	RP-07 15/03/2000	2 . 1 . 3		<a href="#">get it</a>					
	RP-09 26/10/2000	2 . 3 . 0		<a href="#">get it</a>					
	RP-11 10/04/2001	3 . 0 . 0		<a href="#">get it</a>					
	RP-12 03/07/2001	3 . 1 . 0		<a href="#">get it</a>					
	RP-14 14/01/2002	3 . 2 . 0		<a href="#">get it</a>					
	RP-16	3 . 3 . 0		<a href="#">get it</a>					

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<b>TR 25.944</b>	<b>Channel coding and multiplexing examples</b>								
R99	current version: 3.5.0		WG (prime / other): R1 / -	rapporteur: IKEDA, Shinobu	ETSI Secretariat				
	freeze_meeting: SP-07		G: U: yes	MCC: IKEDA, Shinobu					
	history (event, available, version,								
	editor's draft 25/11/1999	0 . 0 . 1		<a href="#">get it</a>	remarks - general: Created Jan 2000 (aka R1.04)				
	R1-09 15/12/1999	1 . 0 . 0		<a href="#">get it</a>	remarks - this release:				
	RP-07 16/03/2000	3 . 0 . 0		<a href="#">get it</a>					
	RP-08 23/06/2000	3 . 1 . 0		<a href="#">get it</a>					
	RP-09 18/10/2000	3 . 2 . 0		<a href="#">get it</a>					
	RP-10 22/12/2000	3 . 3 . 0		<a href="#">get it</a>					
	RP-11 06/04/2001	3 . 4 . 0		<a href="#">get it</a>					
	edito 10/04/2001	3 . 4 . 1		<a href="#">get it</a>					
	RP-12 28/06/2001	3 . 5 . 0		<a href="#">get it</a>					

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R99 26 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## 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:* U: yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-05 13/10/1999 3 . 0 . 1 [get it](#)

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## 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:* U: yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
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](#)

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## TS 26.074 AMR speech Codec; Test sequences

R99 *current version:* 3.1.1  
*freeze\_meeting:* SP-06  
*history (event, available, version,*  
SP-03 23/04/1999 0 . 0 . 0  
SP-04 23/06/1999 1 . 0 . 0  
SP-05 13/10/1999 2 . 0 . 0  
SP-06 17/12/1999 3 . 0 . 0  
Test sequences 02/02/2000 3 . 0 . 1  
available  
Test sequences 14/09/2000 3 . 0 . 2  
corrected  
SP-11 10/04/2001 3 . 1 . 0  
corrected test 04/07/2001 3 . 1 . 1

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

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

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## TS 26.090 AMR speech Codec; Transcoding Functions

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04  
*history (event, available, version,*  
SP-03 26/04/1999 1 . 0 . 0  
SP-04 23/06/1999 3 . 0 . 0  
SP-05 13/10/1999 3 . 0 . 1  
SP-06 17/12/1999 3 . 1 . 0

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

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

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## TS 26.091 AMR speech Codec; Error concealment of lost frames

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04  
*history (event, available, version,*  
SP-03 26/04/1999 1 . 0 . 0  
SP-04 23/06/1999 3 . 0 . 0  
SP-05 13/10/1999 3 . 0 . 1  
SP-06 17/12/1999 3 . 1 . 0

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

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

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<b>TS 26.092</b>	<b>AMR speech Codec; comfort noise for AMR Speech Traffic Channels</b>					
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-04	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
SP-03	26/04/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 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>			

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<b>TS 26.093</b>	<b>AMR speech Codec; Source Controlled Rate operation</b>					
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-04	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
SP-03	26/04/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 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>			
SP-08	28/06/2000	3 . 2 . 0	<a href="#">get it</a>			
SP-10	21/12/2000	3 . 3 . 0	<a href="#">get it</a>			

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<b>TS 26.094</b>	<b>AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-05	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
SP-04	23/06/1999	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
SP-03	26/04/1999	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
SP-05	13/10/1999	3 . 0 . 0	<a href="#">get it</a>			

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<b>TS 26.101</b>	<b>Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure</b>					
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
SP-03	26/04/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
SP-04	23/06/1999	1 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
SP-05	13/10/1999	1 . 4 . 0	<a href="#">get it</a>			
SP-06	17/12/1999	3 . 0 . 0	<a href="#">get it</a>			
SP-07	15/03/2000	3 . 1 . 0	<a href="#">get it</a>			
SP-12	01/08/2001	3 . 2 . 0	<a href="#">get it</a>			
SP-15	28/03/2002	3 . 3 . 0	<a href="#">get it</a>			

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<b>TS 26.102</b>	<b>AMR speech Codec; Interface to lu and Uu</b>					
R99	current version: 3.3.0	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-06	G:	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-03 26/04/1999			<a href="#">get it</a>	remarks - general:	
	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 12/12/2000			<a href="#">get it</a>		
	SP-11 10/04/2001			<a href="#">get it</a>		

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<b>TS 26.103</b>	<b>Speech codec list for GSM and UMTS</b>					
R99	current version: 3.2.0	WG (prime / other):	S4 / -	rapporteur:	HELLWIG, Karl	Telefon AB LM Ericsson
	freeze_meeting: SP-06	G:	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-06 17/12/1999			<a href="#">get it</a>	remarks - general: New after TSG#5	
	SP-14 09/01/2002			<a href="#">get it</a>	remarks - this release: .	
	SP-16					

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<b>TS 26.104</b>	<b>ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec</b>					
R99	current version: 3.4.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting: SP-07	G:	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-06 17/12/1999			<a href="#">get it</a>	remarks - general:	
	SP-07 15/03/2000			<a href="#">get it</a>	remarks - this release:	
	SP-08 28/06/2000			<a href="#">get it</a>		
	SP-10 21/12/2000			<a href="#">get it</a>		
	SP-12 27/06/2001			<a href="#">get it</a>		
	bug fix 29/06/2001			<a href="#">get it</a>		
	SP-13 02/10/2001			<a href="#">get it</a>		
	SP-15 28/03/2002			<a href="#">get it</a>		

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**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:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*  
SP-04 23/06/1999 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](#)

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**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:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
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](#)

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**TS 26.131 Terminal acoustic characteristics for telephony; Requirements**

R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-05 13/10/1999 0 . 0 . 0 [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](#)

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<b>TS 26.132</b>	<b>Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification</b>					
R99	current version: 3.4.0	WG (prime / other):	S4 / -	rapporteur:	GOETZ, Ian	TELLABS OPERATIONS INC.
	freeze_meeting: SP-08	G:	U: yes	MCC:	USAI, Paolino	
history (event, available, version,						
SP-05	13/10/1999	0 . 0 . 0		<a href="#">get it</a>	remarks - general:	
draft		0 . 0 . 1			remarks - this release:	
SP-08		1 . 0 . 0				
SP-08	28/06/2000	3 . 0 . 0		<a href="#">get it</a>		
SP-09	10/10/2000	3 . 1 . 0		<a href="#">get it</a>		
SP-11	10/04/2001	3 . 2 . 0		<a href="#">get it</a>		
SP-13	02/10/2001	3 . 3 . 0		<a href="#">get it</a>		
SP-15	28/03/2002	3 . 4 . 0		<a href="#">get it</a>		

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<b>TR 26.911</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide</b>					
R99	current version: 3.3.0	WG (prime / other):	S4 / -	rapporteur:	HAAVISTO, Petri	Nokia Research Center
	freeze_meeting: SP-04	G:	U: yes	MCC:	USAI, Paolino	
history (event, available, version,						
SP-03	26/04/1999	1 . 0 . 0		<a href="#">get it</a>	remarks - general:	
SP-04	23/06/1999	3 . 0 . 0		<a href="#">get it</a>	remarks - this release:	
SP-05	13/10/1999	3 . 0 . 2		<a href="#">get it</a>		
decision to revise	30/10/1999	3 . 1 . 0		<a href="#">get it</a>		
version number						
SP-06	17/12/1999	3 . 2 . 0		<a href="#">get it</a>		
edito	10/10/2000	3 . 2 . 1		<a href="#">get it</a>		
SP-10	21/12/2000	3 . 3 . 0		<a href="#">get it</a>		

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<b>TR 26.912</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G</b>					
R99	current version: 3.0.0	WG (prime / other):	S4 / -	rapporteur:	FRANCESCHI, Olle	Nippon Ericsson K.K.
	freeze_meeting: SP-07	G:	U: yes	MCC:	USAI, Paolino	
history (event, available, version,						
SP-03	26/04/1999	0 . 0 . 1		<a href="#">get it</a>	remarks - general:	
SP-04	23/06/1999	1 . 0 . 0		<a href="#">get it</a>	remarks - this release:	
SP-07	15/03/2000	3 . 0 . 0		<a href="#">get it</a>		

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## TR 26.915 Echo Control For Speech and Multi-Media Services

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-07  
*history (event, available, version,*  
Creation of WI by 02/02/2000 0 . 0 . 1  
WG/TB  
SP-07 17/03/2000 3 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.  
*G:* yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Became 26.115 for Rel-4 onwards.  
[get it](#) *remarks - this release:* No Rel-4 version. Became 26.115.

## TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-06 17/12/1999 1 . 0 . 0  
SP-07 17/03/2000 1 . 1 . 0  
SP-11 31/03/2001 3 . 0 . 0  
SP-13 05/10/2001 3 . 1 . 0

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

[get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.  
[get it](#) *remarks - this release:* was 26.075;  
[get it](#)  
[get it](#)

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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:* 3.10.0  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0  
NP-05 13/10/1999 3 . 2 . 0  
NP-06 17/12/1999 3 . 3 . 0  
NP-07 15/03/2000 3 . 4 . 0  
NP-08 23/06/2000 3 . 5 . 0  
NP-09 23/10/2000 3 . 6 . 0  
NP-10 04/01/2001 3 . 7 . 0  
NP-11 05/04/2001 3 . 8 . 0  
NP-12 04/07/2001 3 . 9 . 0  
NP-13 10/10/2001 3 . 10 . 0

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
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## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version,*

NP-03	23/04/1999	3	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
NP-05	13/10/1999	3	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
NP-06	17/12/1999	3	.	2	.	0	<a href="#">get it</a>
NP-07	15/03/2000	3	.	3	.	0	<a href="#">get it</a>
NP-08	23/06/2000	3	.	4	.	0	<a href="#">get it</a>
NP-09	12/10/2000	3	.	5	.	0	<a href="#">get it</a>

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## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version,*

NP-03	23/04/1999	3	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
NP-04	23/06/1999	3	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
NP-06	17/12/1999	3	.	2	.	0	<a href="#">get it</a>
NP-07	15/03/2000	3	.	3	.	0	<a href="#">get it</a>
NP-08	23/06/2000	3	.	4	.	0	<a href="#">get it</a>
NP-09	12/10/2000	3	.	5	.	0	<a href="#">get it</a>

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## TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

R99 *current version:* 3.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

TP-03	28/04/1999	1	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
TP-04	18/06/1999	3	.	0	.	0	<a href="#">get it</a> <i>remarks - this release:</i> .
TP-06	17/12/1999	3	.	1	.	0	<a href="#">get it</a>
TP-15		3	.	2	.	0	

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

R99 current version: 3.11.0

freeze\_meeting: SP-04

WG (prime / other): T2 / - rapporteur: VACANT,  
G: yes U: yes MCC: RODERMUND, Friedhelm

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-06	17/12/1999	3	.	3	.	0
TP-07	15/03/2000	3	.	4	.	0
TP-08	23/06/2000	3	.	5	.	0
TP-09	11/10/2000	3	.	6	.	0
TP-10	04/01/2001	3	.	7	.	0
TP-11	06/04/2001	3	.	8	.	0
TP-12	04/07/2001	3	.	9	.	0
TP-14	11/01/2002	3	.	10	.	0
TP-15	29/03/2002	3	.	11	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
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## TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

R99 current version: 3.4.0

freeze\_meeting: SP-04

WG (prime / other): T2 / - rapporteur: BROOK, Richard SAMSUNG Electronics Research Institute  
G: yes U: yes MCC: RODERMUND, Friedhelm

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-07	15/03/2000	3	.	3	.	0
TP-15	25/03/2002	3	.	4	.	0

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

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

R99 current version: 3.6.0

freeze\_meeting: SP-03

WG (prime / other): N3 / - rapporteur: WILD, Johanna MOTOROLA Ltd  
G: yes U: yes MCC: BOSWARTHICK, David

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	17/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-11	06/04/2001	3	.	5	.	0
NP-16		3	.	6	.	0

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

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

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## TS 27.103 Wide Area Network Synchronization

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-05  
*history (event, available, version,*  
TP-05 08/10/1999 3 . 0 . 0  
TP-09 16/10/2000 3 . 1 . 0

*WG (prime / other):* T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.  
*G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* TSG#8:3.1.0 but this CR not impementable.

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## TR 27.901 Report on Terminal Interfaces - An Overview

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-06  
*history (event, available, version,*  
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](#)

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## TR 27.903 Discussion of synchronization standards

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-05  
*history (event, available, version,*  
TP-03 23/04/1999 0 . 0 . 0  
TP-05 08/10/1999 3 . 0 . 0

*WG (prime / other):* T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.  
*G:* *U:* yes *MCC:* RODERMUND, Friedhelm

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

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## TS 29.002 Mobile Application Part (MAP) specification

R99 current version: 3.13.0

freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: DETTNER, Harald SIEMENS AG  
G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

NP-04 23/06/1999 3 . 1 . 0

NP-05 13/10/1999 3 . 2 . 0

NP-06 17/12/1999 3 . 3 . 0

edito 31/01/2000 3 . 3 . 1

NP-07 15/03/2000 3 . 4 . 0

NP-08 23/06/2000 3 . 5 . 0

edito 04/08/2000 3 . 5 . 1

edito 10/08/2000 3 . 5 . 2

NP-09 26/10/2000 3 . 6 . 0

NP-10 20/12/2000 3 . 7 . 0

edito 02/01/2001 3 . 7 . 1

edito to make 31/01/2001 3 . 7 . 2

figures legible

NP-11 06/04/2001 3 . 8 . 0

NP-12 06/07/2001 3 . 9 . 0

NP-13 03/10/2001 3 . 10 . 0

NP-14 18/01/2002 3 . 11 . 0

NP-15 04/04/2002 3 . 12 . 0

NP-16 3 . 13 . 0

[get it](#) remarks - general:

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

[get it](#)

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**TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone**

R99 *current version:* 3.10.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version,*

NP-03	23/04/1999	3	.	0	.	0
post-SP-04	27/05/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	17/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	12/10/2000	3	.	6	.	0
NP-10	22/12/2000	3	.	7	.	0
NP-11	29/03/2001	3	.	8	.	0
NP-14	11/01/2002	3	.	9	.	0
NP-16		3	.	10	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
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**TS 29.010 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling**

R99 *current version:* Procedures and the Mobile Application Part (MAP) *3.8.0WG (prime / other):* N4 / - *rapporteur:* VACANT,

*freeze\_meeting:* SP-05

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

*history (event, available, version,*

NP-03	23/04/1999	0	.	0	.	0
NP-05	13/10/1999	3	.	0	.	0
NP-06	15/12/1999	3	.	1	.	0
NP-07	15/03/2000	3	.	2	.	0
NP-09	26/10/2000	3	.	3	.	0
NP-10	21/12/2000	3	.	4	.	0
NP-11	30/03/2001	3	.	5	.	0
NP-12	04/07/2001	3	.	6	.	0
NP-14	11/01/2002	3	.	7	.	0
NP-16		3	.	8	.	0

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

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**TS 29.011 Signalling Interworking for Supplementary Services**

R99 *current version:* 3.0.0 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald SIEMENS AG  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-03	23/04/1999	3	.	0	.	0
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[get it](#) *remarks - general:*  
*remarks - this release:* .

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

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<b>TS 29.013</b>	<b>Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols</b>				
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-04 23/06/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 29.016</b>	<b>Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification</b>				
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-03 23/04/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-09 06/10/2000 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>					
<b>TS 29.018</b>	<b>General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification</b>				
R99	<i>current version:</i> 3.10.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-03 23/04/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	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-07 15/03/2000 3 . 3 . 0	<a href="#">get it</a>			
	NP-09 23/10/2000 3 . 4 . 0	<a href="#">get it</a>			
	edito 31/10/2000 3 . 4 . 1	<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>			
	NP-13 03/10/2001 3 . 7 . 0	<a href="#">get it</a>			
	NP-14 04/01/2002 3 . 8 . 0	<a href="#">get it</a>			
	NP-15 21/03/2002 3 . 9 . 0	<a href="#">get it</a>			
	NP-16 3 . 10 . 0				

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



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## TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

R99 *current version:* 3.13.0 *WG (prime / other):* N4 / - *rapporteur:* YOUNG, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-03	23/04/1999	3	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-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		3	.	13	.	0		

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## TS 29.061 Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)

R99 *current version:* 3.10.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version,*

NP-03	23/04/1999	3	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i> Former title: "General Packet Radio Service (GPRS); Interworking between the
NP-04	23/06/1999	3	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> Public 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		3	.	10	.	0		

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

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<b>TS 29.078</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification</b>				
R99	<i>current version:</i> 3.12.0	<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,</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		3 . 12 . 0			

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<b>TS 29.108</b>	<b>Application of the Radio Access Network Application Part (RANAP) on the E-interface</b>				
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> TAYLOR, Carolyn		
<i>history (event, available, version,</i>					
RP-08		2 . 0 . 0		<i>remarks - general:</i>	TSG#8:Appeared as v2.0.0 (RP-000258)
RP-08	30/06/2000	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
RP-10	20/12/2000	3 . 1 . 0	<a href="#">get it</a>		
RP-13	12/10/2001	3 . 2 . 0	<a href="#">get it</a>		

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<b>TS 29.119</b>	<b>GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)</b>				
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited	
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>					
NP-04	27/05/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	New after TSG#5
NP-06	15/12/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
NP-07	15/03/2000	3 . 0 . 0	<a href="#">get it</a>		

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<b>TS 29.120</b>	<b>Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3</b>					
R99	current version: 3.1.0	WG (prime / other):	N4 / -	rapporteur:	MITAMURA, Kazuo	NTT COMWARE Corporation
	freeze_meeting: SP-07	G:	U: yes	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
NP-04	27/05/1999	0	. 0	. 0		
NP-06	15/12/1999	1	. 0	. 0	<a href="#">get it</a>	remarks - general: New after TSG#5
NP-07	15/03/2000	3	. 0	. 0	<a href="#">get it</a>	remarks - this release:
NP-09	25/10/2000	3	. 1	. 0	<a href="#">get it</a>	

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<b>TS 29.198</b>	<b>Open Service Architecture (OSI) Application Programming Interface (API) - Part 1</b>					
R99	current version: 3.4.0	WG (prime / other):	N5 / -	rapporteur:	MOERDIJK, Ard-Jan	Telefon AB LM Ericsson
	freeze_meeting: SP-08	G:	U: yes	MCC:	ZOICAS, Adrian	
history (event, available, version,						
NP-07	13/03/2000	1	. 0	. 0	<a href="#">get it</a>	remarks - general: OSA subgroup. Was incorrectly shown as a TR; fixed @N#9.
NP-08	23/06/2000	3	. 0	. 0	<a href="#">get it</a>	remarks - this release:
NP-09	09/10/2000	3	. 1	. 0	<a href="#">get it</a>	
NP-10	03/01/2001	3	. 2	. 0	<a href="#">get it</a>	
NP-11	28/03/2001	3	. 3	. 0	<a href="#">get it</a>	
NP-12	29/06/2001	3	. 4	. 0	<a href="#">get it</a>	

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<b>TR 29.993</b>	<b>Modifications to be incorporated in equipment to cater for errors in the standards</b>					
R99	current version: none	WG (prime / other):	RP / -	rapporteur:	COURAU, François	ALCATEL S.A.
	freeze_meeting: tbd	G: yes	U: yes	MCC:	VAN DER VEEN, Hans	
history (event, available, version,						
						remarks - general:
						remarks - this release: .

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<b>TR 29.994</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults</b>					
R99	current version: 3.0.0	WG (prime / other):	N1 / RP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: tbd	G: yes	U: yes	MCC:	Peter Skov	
history (event, available, version,					JORGENSEN, Per Johan	
NP-16		3	. 0	. 0		remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
						remarks - this release: . latest Release version.

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

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**TR 29.998 Open Services Architecture API part 2**

R99 *current version:* 3.2.0

*freeze\_meeting:* SP-08

*history (event, available, version,*

NP-07	13/03/2000	1	.	0	.	0
NP-08	23/06/2000	3	.	0	.	0
NP-09	08/10/2000	3	.	1	.	0
NP-10	03/01/2001	3	.	2	.	0

*WG (prime / other):* N5 / - *rapporteur:* MOERDIJK, Ard-Jan

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

Telefon AB LM Ericsson

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

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

[get it](#)

[get it](#)

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R99

30 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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## TR 30.531 Work Plan and Study Items - RAN WG3

R99	current version: 0.9.3	DRAFT	WG (prime / other): R3 / -	rapporteur: TAYLOR, Carolyn	Motorola Ltd
	freeze_meeting:		G: U: yes	MCC: TAYLOR, Carolyn	
<i>history (event, available, version,</i>					
	draft 15/02/1999	0 . 0 . 1	<a href="#">get it</a>	remarks - general:	
	draft 15/03/1999	0 . 0 . 2	<a href="#">get it</a>	remarks - this release:	
	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	<a href="#">get it</a>		RP-000142
	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	<a href="#">get it</a>		RP-010388
RP-13	01/10/2001	0 . 9 . 2	<a href="#">get it</a>		RP-010604
	draft 23/11/2001	0 . 9 . 3	<a href="#">get it</a>		R3-013076

R99

31 .- series

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

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

R99 *current version:* 3.3.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version,*  
TP-03 23/04/1999 0 . 0 . 0  
TP-04 23/06/1999 0 . 5 . 0

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.  
[get it](#) *remarks - this release:* TP-09: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec list. Sanders, May 2001: no, not withdrawn. So re-instated.

TP-05 08/10/1999 1 . 0 . 0  
TP-06 17/12/1999 3 . 0 . 0  
TP-07 15/03/2000 3 . 1 . 0  
TP-08 06/02/2000 3 . 2 . 0  
TP-09 18/10/2000 3 . 3 . 0

completion target

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

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## TS 31.102 Characteristics of the USIM Application

R99 *current version:* 3.9.0 *WG (prime / other):* T3 / - *rapporteur:* HEIM, Christian GIESECKE & DEVRIENT GmbH  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* DIETZE, Claus

*history (event, available, version,*  
TP-03 23/04/1999 0 . 0 . 0  
TP-04 23/06/1999 0 . 5 . 0  
TP-05 08/10/1999 1 . 0 . 0  
TP-06 17/12/1999 3 . 0 . 0  
TP-07 completion 15/03/2000 3 . 1 . 0

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

target  
TP-08 23/06/2000 3 . 2 . 0  
TP-09 18/10/2000 3 . 3 . 0  
TP-10 05/01/2001 3 . 4 . 0  
TP-11 09/04/2001 3 . 5 . 0  
TP-12 06/07/2001 3 . 6 . 0  
TP-13 11/10/2001 3 . 7 . 0  
TP-14 17/01/2002 3 . 8 . 0  
TP-16 3 . 9 . 0

[get it](#)  
[get it](#)  
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<b>TS 31.110</b>	<b>Numbering system for telecommunication IC card applications</b>								
R99	<i>current version:</i> 3.2.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A			
	<i>freeze_meeting:</i> SP-06			<i>G:</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>			<i>U: yes</i>					
	E-mailed to SP-T 15/11/1999	1	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i> Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May			
	for information				<a href="#">get it</a>	<i>remarks - this release:</i> 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS			
	TP-06 17/12/1999	3	. 0	. 0	<a href="#">get it</a>	101 220.			
	TP-07 completion 15/03/2000	3	. 1	. 0	<a href="#">get it</a>				
	target								
	TP-09 18/10/2000	3	. 2	. 0	<a href="#">get it</a>				
<hr/>									
<b>TS 31.111</b>	<b>USIM Application Toolkit (USAT)</b>								
R99	<i>current version:</i> 3.8.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	ASPECTS Software Ltd			
	<i>freeze_meeting:</i> SP-07			<i>G: yes</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>			<i>U: yes</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	3	. 8	. 0	<a href="#">get it</a>				
<hr/>									
<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 Kartensysteme GmbH			
	<i>freeze_meeting:</i> SP-08			<i>G:</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>			<i>U: yes</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.			

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## TS 31.121 UICC-terminal interface; USIM application test specification

R99 *current version:* 3.2.0  
*freeze\_meeting:* SP-08  
*history (event, available, version,*  
TP-09 18/10/2000 1 . 0 . 0  
TP-10 05/01/2001 3 . 0 . 0  
TP-12 06/07/2001 3 . 1 . 0  
TP-16 3 . 2 . 0

WG (*prime / other*): T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc  
G: U: yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* based on R99 core spec; split into 2 parts (this is 2)  
[get it](#) *remarks - this release:*

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## TS 31.122 USIM conformance test specification

R99 *current version:* 3.3.0  
*freeze\_meeting:* SP-08  
*history (event, available, version,*  
TP-09 18/10/2000 1 . 0 . 0  
TP-10 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 3 . 3 . 0

WG (*prime / other*): T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd  
G: U: yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* based on R99 core spec; was originally 31.121 but renumbered which 31.120 was  
*remarks - this release:* split into two parts  
[get it](#)  
[get it](#)

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R99 32 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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<b>TS 32.005</b>	<b>Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain</b>					
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> BENDER, James		Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-08	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
SP-06	17/12/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
SP-08	23/06/2000	3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
correct	10/10/2000	3 . 2 . 0	<a href="#">get it</a>			
implementation of						
previous CR						
SP-10	21/12/2000	3 . 3 . 0	<a href="#">get it</a>			
edito	22/01/2001	3 . 3 . 1	<a href="#">get it</a>			
SP-11	05/04/2001	3 . 4 . 0	<a href="#">get it</a>			
SP-13	05/10/2001	3 . 5 . 0	<a href="#">get it</a>			
SP-15	26/03/2002	3 . 6 . 0	<a href="#">get it</a>			

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<b>TS 32.015</b>	<b>Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain</b>					
R99	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> LEHNERT, Matthias		ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-08	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
SP-06	17/12/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
SP-07	17/03/2000	3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
Editorial	17/03/2000	3 . 1 . 1	<a href="#">get it</a>			
SP-08	23/06/2000	3 . 2 . 0	<a href="#">get it</a>			
SP-09	10/10/2000	3 . 3 . 0	<a href="#">get it</a>			
SP-10	21/12/2000	3 . 4 . 0	<a href="#">get it</a>			
SP-11	05/04/2001	3 . 5 . 0	<a href="#">get it</a>			
SP-12	03/07/2001	3 . 6 . 0	<a href="#">get it</a>			
SP-13	05/10/2001	3 . 7 . 0	<a href="#">get it</a>			
SP-14	11/01/2002	3 . 8 . 0	<a href="#">get it</a>			
SP-15	26/03/2002	3 . 9 . 0	<a href="#">get it</a>			

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## TS 32.101 3G Telecom Management principles and high level requirements

R99 *current version:* 3.4.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*  
SP-05 13/10/1999 1 . 2 . 0 [get it](#) *remarks - this release:*  
SP-06 17/12/1999 3 . 0 . 0 [get it](#)  
SP-07 17/03/2000 3 . 1 . 0 [get it](#)  
Editorial 17/03/2000 3 . 1 . 1 [get it](#)  
SP-08 23/06/2000 3 . 2 . 0 [get it](#)  
SP-10 21/12/2000 3 . 3 . 0 [get it](#)  
SP-11 05/10/2001 3 . 4 . 0 [get it](#)

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## TS 32.102 3G Telecom Management Architecture

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy Telia Mobile AB  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
Creation of WI by 26/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
WG/TB *remarks - this release:*  
SP-03 26/04/1999 1 . 0 . 0 [get it](#)  
SP-05 13/10/1999 1 . 2 . 0 [get it](#)  
SP-06 17/12/1999 3 . 0 . 0 [get it](#)  
SP-07 17/03/2000 3 . 1 . 0 [get it](#)  
Editorial 17/03/2000 3 . 1 . 1 [get it](#)  
SP-08 23/06/2000 3 . 2 . 0 [get it](#)

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## TS 32.104 3G Performance Management

R99 *current version:* 3.5.0 *WG (prime / other):* S5 / - *rapporteur:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:*  
SP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - this release:*  
SP-07 17/03/2000 3 . 1 . 0 [get it](#)  
Editorial 17/03/2000 3 . 1 . 1 [get it](#)  
SP-08 23/06/2000 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](#)  
SP-14 11/01/2002 3 . 5 . 0 [get it](#)

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<b>TS 32.106-1</b>	<b>Telecommunication management; Configuration Management; Part 1: 3G configuration management; Concept and requirements</b>								
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd					
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SP-08: 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 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 23/06/2000	3 . 1 . 0	<a href="#">get it</a>	split into parts					

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<b>TS 32.106-2</b>	<b>Telecommunication management; Configuration Management; Part 2: Notification Integration Reference Point; Information Service version 1</b>								
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> 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,</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>						

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<b>TS 32.106-3</b>	<b>Telecommunication management; Configuration Management; Part 3: Notification Integration Reference Point; CORBA solution set version 1:1</b>								
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-08: split into 23/06/2000	3 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into eight parts					
	parts			<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1					
	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>						

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<b>TS 32.106-4</b>	<b>Telecommunication management; Configuration Management; Part 4: Notification Integration Reference Point; CMIP Solution Set Version 1:1</b>								
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG					
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-08: split into 23/06/2000	3 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into eight parts					
	parts			<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1					
	SP-14 11/01/2002	3 . 2 . 0	<a href="#">get it</a>						

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<b>TS 32.106-5</b>	<b>Telecommunication management; Configuration Management; Part 5: Basic Configuration Management Integration Reference Point (IRP) information model (including NRM)</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-10	G: U: yes	MCC:	ZOICAS, Adrian	
<i>history (event, available, version,</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>		

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<b>TS 32.106-6</b>	<b>Telecommunication management; Configuration Management; Part 6: Basic Configuration Management Integration Reference Point (IRP) CORBA solution set version 1:1</b>				
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG	
	<i>freeze_meeting:</i> SP-10	G: U: yes	MCC:	ZOICAS, Adrian	
<i>history (event, available, version,</i>					
draft	31/10/2000	0 . 1 . 0	<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>		

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<b>TS 32.106-7</b>	<b>Telecommunication management; Configuration Management; Part 7: Basic Configuration Management Integration Reference Point (IRP) CMIP solution set version 1:1</b>				
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-10	G: U: yes	MCC:	ZOICAS, Adrian	
<i>history (event, available, version,</i>					
draft	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>		

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<b>TS 32.106-8</b>	<b>Telecommunication management; Configuration Management; 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,</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>		

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

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## 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:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts  
SP-06 17/12/1999 1 . 1 . 0 [get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1  
SP-07 17/03/2000 3 . 0 . 0 [get it](#)  
Editorial 17/03/2000 3 . 0 . 1 [get it](#)  
SP-08: split into 23/06/2000 3 . 1 . 0 [get it](#)  
parts  
SP-09 10/10/2000 3 . 2 . 0 [get it](#)

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

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts  
SP-06 17/12/1999 1 . 1 . 0 [get it](#) *remarks - this release:*  
SP-07 17/03/2000 3 . 0 . 0 [get it](#)  
Editorial 17/03/2000 3 . 0 . 1 [get it](#)  
SP-08: split into 23/06/2000 3 . 1 . 0 [get it](#)  
parts  
editorial 06/09/2000 3 . 1 . 1 [get it](#)  
SP-09 10/10/2000 3 . 2 . 0 [get it](#)  
SP-10 20/12/2000 3 . 3 . 0 [get it](#)

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<b>TS 32.111-3</b>	<b>Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1</b>				
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-08	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	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>	

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<b>TS 32.111-4</b>	<b>Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set</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-08	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	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>	

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## TS 33.102 3G security; Security architecture

R99 current version: 3.12.0

freeze\_meeting: SP-07

WG (prime / other): S3 / - rapporteur: BLOMMAERT, Marc SIEMENS ATEA NV

G: U: yes MCC: POPE, Maurice

history (event, available, version,

Table of Contents 04/03/1999 0 . 0 . 1

and Scope

First complete 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 3 . 12 . 0

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

[get it](#)

[get it](#)

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## TS 33.103 3G security; Integration guidelines

R99 current version: 3.7.0

freeze\_meeting: SP-05

WG (prime / other): S3 / - rapporteur: BLANCHARD, Colin BT Group Plc

G: U: yes MCC: POPE, Maurice

history (event, available, version,

SP-04 23/06/1999 1 . 0 . 0

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

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

[get it](#)

[get it](#)

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<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>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	<i>U: yes</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>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	<i>U: yes</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>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	<i>U: yes</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>				

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<b>TS 33.120</b>	<b>Security Objectives and Principles</b>					
R99	current version: 3.0.0		WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim		Indicate persons who left Company and wait for new One
	freeze_meeting: SP-03		G: U: yes	MCC: POPE, Maurice		
	history (event, available, version,					
	Table of Contents 04/03/1999	0 . 0 . 1	<a href="#">get it</a>	remarks - general:		
	and Scope			remarks - this release: .		
	First complete 26/03/1999	1 . 0 . 0	<a href="#">get it</a>			
	WG approval 26/03/1999	2 . 0 . 0	<a href="#">get it</a>			
	SP-03 23/04/1999	3 . 0 . 0	<a href="#">get it</a>			
<hr/>						
<b>TR 33.901</b>	<b>Criteria for cryptographic Algorithm design process</b>					
R99	current version: 3.0.0		WG (prime / other): S3 / -	rapporteur: BLOM, Rolf		Telefon AB LM Ericsson
	freeze_meeting: SP-04		G: U: yes	MCC: POPE, Maurice		
	history (event, available, version,					
	SP-03 23/04/1999	0 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	SP-04 23/06/1999	3 . 0 . 0	<a href="#">get it</a>	remarks - this release: .		
<hr/>						
<b>TR 33.902</b>	<b>Formal Analysis of the 3G Authentication Protocol</b>					
R99	current version: 3.1.0		WG (prime / other): S3 / -	rapporteur: HORN, Guenther		SIEMENS AG
	freeze_meeting: SP-05		G: U: yes	MCC: POPE, Maurice		
	history (event, available, version,					
	SP-05 13/10/1999	3 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	SP-06 17/12/1999	3 . 1 . 0	<a href="#">get it</a>	remarks - this release: .		
<hr/>						
<b>TR 33.908</b>	<b>3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms</b>					
R99	current version: 3.0.0		WG (prime / other): S3 / -	rapporteur: WALKER, Michael		VODAFONE Group Plc
	freeze_meeting: SP-07		G: U: yes	MCC: POPE, Maurice		
	history (event, available, version,					
	SP-07 17/03/2000	3 . 0 . 0 SP-000039	<a href="#">get it</a>	remarks - general: TSG#7: S3-000105=NP-000049		
				remarks - this release:		

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## TS 34.108 Common test environments for User Equipment (UE) conformance testing

R99 *current version:* 3.8.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nuhman Anite Telecoms Ltd.  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* SALMERON, Lidia

*history (event, available, version,*

Start of work	0	.	0	.	1				<i>remarks - general:</i>
TP-07 15/03/2000	1	.	0	.	0	TP-000032	<a href="#">get it</a>		<i>remarks - this release:</i> TSG#8:aprvl is controversial
editorial tidy up 23/03/2000	1	.	0	.	1		<a href="#">get it</a>		
TP-08	2	.	0	.	0				
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	3	.	8	.	0				

## TS 34.109 Terminal logical test interface; Special conformance testing functions

R99 *current version:* 3.6.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* VAN DER VEEN, Hans

*history (event, available, version,*

RP-03 23/04/1999	0	.	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.
RP-04 18/06/1999	0	.	2	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> TSG#9: Stable, so txfered from T1 to R2.
RP-05 08/10/1999	1	.	0	.	0		<a href="#">get it</a>	
RP-06 17/12/1999	1	.	0	.	3		<a href="#">get it</a>	
next version 03/02/2000	1	.	1	.	0		<a href="#">get it</a>	
RP-07 15/03/2000	1	.	2	.	0		<a href="#">get it</a>	
RP-08 23/06/2000	3	.	0	.	0		<a href="#">get it</a>	
RP-09 05/10/2000	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-15 19/03/2002	3	.	5	.	0		<a href="#">get it</a>	
RP-16	3	.	6	.	0			

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

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## TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

R99 *current version:* 3.9.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* SALMERON, Lidia

*history (event, available, version,*

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		3	.	9	.	0			

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## TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

R99 *current version:* 3.8.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* SALMERON, Lidia

*history (event, available, version,*

TP-04	18/06/1999	0	.	0	.	0		<a href="#">get it</a>	<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		3	.	8	.	0			

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## TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

R99 *current version:* 3.5.0 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia ETSI Secretariat  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* SALMERON, Lidia

*history (event, available, version,*

TP-03	23/04/1999	0	.	0	.	0		<a href="#">get it</a>	<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>	

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

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## TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

R99 *current version:* 3.5.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-10 *G:* U: yes *MCC:* SALMERON, Lidia

*history (event, available, version,*  
TP-03 23/04/1999 0 . 0 . 1 [get it](#) *remarks - general:*  
TP-05 08/10/1999 0 . 0 . 6 [get it](#) *remarks - this release:* TSG#8: aprvl target postponed to end-00;TP-000137 TSG#9:2.0.0->3.1.0 (no 3.0.0  
to keep in step with part 1).  
TP-06 17/12/1999 1 . 0 . 0 [get it](#)  
TP-07 15/03/2000 1 . 0 . 1 [get it](#)  
TP-09 22/09/2000 2 . 0 . 0 [get it](#)  
TP-09 06/10/2000 3 . 1 . 0 [get it](#)  
TP-10 09/01/2001 3 . 2 . 0 [get it](#)  
TP-11 28/03/2001 3 . 3 . 0 [get it](#)  
TP-12 28/06/2001 3 . 4 . 0 [get it](#)  
TP-13 04/10/2001 3 . 5 . 0 [get it](#)

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## TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

R99 *current version:* 1.0.5 DRAFT *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-13 *G:* U: yes *MCC:* SALMERON, Lidia

*history (event, available, version,*  
TP-03 23/04/1999 0 . 0 . 0 [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](#)

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

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Server [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

R99 *current version:* 3.3.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version,*  
TP-03 23/04/1999 0 . 0 . 1 [get it](#) *remarks - general:* T1->R4@TSG#10  
draft 15/07/1999 1 . 0 . 0 [get it](#) *remarks - this release:*  
draft 15/08/1999 1 . 0 . 1 [get it](#)  
draft 15/09/1999 1 . 1 . 0 [get it](#)  
TP-05 08/10/1999 1 . 2 . 0 [get it](#)  
TP-06 17/12/1999 1 . 2 . 2 [get it](#)  
draft 15/02/2000 1 . 3 . 0 [get it](#)  
SWG T1 EMC at 28/02/2000 2 . 0 . 0 [get it](#)  
meeting-08  
TP-07 2 . 0 . 1 SP-000034  
TP-07 15/03/2000 3 . 0 . 0 [get it](#)  
TP-09 05/10/2000 3 . 1 . 0 [get it](#)  
RP-10 09/01/2001 3 . 2 . 0 [get it](#)  
RP-11 05/04/2001 3 . 3 . 0 [get it](#)

## TR 34.907 Report on electrical safety requirements and regulations

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* IIMORI, Eiji Toshiba Corporation, Digital Media Network  
*freeze\_meeting:* SP-05 *G:* U: yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
TP-03 23/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*  
TP-05 08/10/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .

## TR 34.925 Specific Absorption Rate (SAR) requirements and regulations in different regions

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* JOHNSSON, Sven Telefon AB LM Ericsson  
*freeze\_meeting:* SP-04 *G:* U: yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
TP-03 23/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*  
TP-04 18/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .

R99

35 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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

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<b>TS 35.201</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications</b>							
R99	current version: 3.2.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc				
	freeze_meeting: SP-07	G: U: yes	MCC: POPE, Maurice					
history (event, available, version, SP-07	17/03/2000	3 . 1 . 0	SAGE only supplied PDF, so no real deliverable yet available	<a href="#">get it</a>	remarks - general: ex SAGE; supplied by ETSI under licence			
Formatting	12/07/2001	3 . 1 . 1	Sage makes source file available.	<a href="#">get it</a>	remarks - this release:			
IPR, licence text	20/08/2001	3 . 1 . 2		<a href="#">get it</a>				
	SP-14 07/01/2002	3 . 2 . 0		<a href="#">get it</a>				
<b>TS 35.202</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification</b>							
R99	current version: 3.1.2	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc				
	freeze_meeting: SP-07	G: U: yes	MCC: POPE, Maurice					
history (event, available, version, SP-07	17/03/2000	3 . 1 . 0	SAGE only supplied PDF, so no real deliverable yet available	<a href="#">get it</a>	remarks - general: ex SAGE; supplied by ETSI under licence			
Formatting	12/07/2001	3 . 1 . 1	Sage makes source file available.	<a href="#">get it</a>	remarks - this release:			
IPR, licence text	20/08/2001	3 . 1 . 2		<a href="#">get it</a>				
<b>TS 35.203</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data</b>							
R99	current version: 3.1.2	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc				
	freeze_meeting: SP-07	G: U: yes	MCC: POPE, Maurice					
history (event, available, version, SP-07	17/03/2000	3 . 1 . 0	SAGE only supplied PDF, so no real deliverable yet available	<a href="#">get it</a>	remarks - general: ex SAGE; supplied by ETSI under licence			
Formatting	16/07/2001	3 . 1 . 1	Sage makes source file available.	<a href="#">get it</a>	remarks - this release:			
IPR, licence text	20/08/2001	3 . 1 . 2		<a href="#">get it</a>				
<b>TS 35.204</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data</b>							
R99	current version: 3.1.2	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc				
	freeze_meeting: SP-07	G: U: yes	MCC: POPE, Maurice					
history (event, available, version, SP-07	17/03/2000	3 . 1 . 0	SAGE only supplied PDF, so no real deliverable yet available	<a href="#">get it</a>	remarks - general: ex SAGE; supplied by ETSI under licence			
Formatting	12/07/2001	3 . 1 . 1	Sage makes source file available.	<a href="#">get it</a>	remarks - this release:			
IPR, licence text	20/08/2001	3 . 1 . 2		<a href="#">get it</a>				

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## R98

R98 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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<b>TR 01.04</b>	<b>Abbreviations and acronyms</b>					
R98	current version: 7.0.0	WG (prime / other): GP / -	rapporteur: CLAYTON, Michael	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<hr/>						
<b>TR 01.31</b>	<b>Fraud Information Gathering System (FIGS); Service requirements; Stage 0</b>					
R98	current version: 7.0.1	WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new		
	freeze_meeting:	G: yes U:	MCC: POPE, Maurice	One		
	history (event, available, version,					
	smg-25 20/03/1998 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-26 26/06/1998 7 . 0 . 1	<a href="#">get it</a>	remarks - this release:			
<hr/>						
<b>TR 01.33</b>	<b>Lawful Interception requirements for GSM</b>					
R98	current version: 7.0.0	WG (prime / other): S3 / -	rapporteur: MCKIBBEN, Bernie	MOTOROLA GmbH		
	freeze_meeting:	G: yes U:	MCC: POPE, Maurice			
	history (event, available, version,					
	smg-25 20/03/1998 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: #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	current version: 7.0.0	WG (prime / other): S1 / -	rapporteur: MESSIET, Samira	ALCATEL S.A.		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-28 1 . 0 . 0		remarks - general:			
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - this release:			

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**TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements**  
R98 *current version: 7.0.0* WG (prime / other): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* G: yes U: *MCC:* POPE, Maurice  
*history (event, available, version,*  
upgrade to R98 04/10/2001 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: .*

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R98 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)**  
R98 *current version: 7.1.0* WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*

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**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 Lucent Technologies Network Systems UK  
*freeze\_meeting:* G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
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](#)

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**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:* G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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

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## TS 02.04 General on Supplementary Services

R98 current version: 7.1.2

freeze\_meeting:

history (event, available, version,

smg-25 20/03/1998 7 . 0 . 0

smg-28 12/02/1999 7 . 1 . 0

smg-29 25/06/1999 7 . 1 . 1

ETSI publication 28/12/1999 7 . 1 . 2

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul

G: yes U: MCC: CLAYTON, Michael

Lucent Technologies Network Systems UK

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

## TS 02.06 Types of Mobile Stations (MS)

R98 current version: 7.0.1

freeze\_meeting:

history (event, available, version,

smg-29 25/06/1999 7 . 0 . 0

ETSI publication 29/12/1999 7 . 0 . 1

WG (prime / other): S1 / - rapporteur: JEAL, David

G: yes U: MCC: CLAYTON, Michael

VODAFONE Group Plc

[get it](#) remarks - general:

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

## TS 02.07 Mobile Station (MS) Features

R98 current version: 7.1.0

freeze\_meeting:

history (event, available, version,

smg-27 16/10/1998 7 . 0 . 0

ETSI publication 03/08/1999 7 . 0 . 1

SP-07 15/03/2000 7 . 1 . 0

WG (prime / other): S1 / - rapporteur: JEAL, David

G: yes U: MCC: CLAYTON, Michael

VODAFONE Group Plc

[get it](#) remarks - general:

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

[get it](#)

## TS 02.09 Security aspects

R98 current version: 7.1.1

freeze\_meeting:

history (event, available, version,

smg-29 25/06/1999 7 . 0 . 0

ETSI publication 12/01/2000 7 . 0 . 1

smg-31 16/02/2000 7 . 1 . 0

ETSI publication 29/08/2000 7 . 1 . 1

WG (prime / other): S3 / S1 / rapporteur: CHRISTOFFERSSON, Per

G: yes U: NP MCC: POPE, Maurice

TELIA PROMOTOR AB

[get it](#) remarks - general:

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

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<b>TS 02.11</b>	<b>Service Accessibility</b>								
R98	current version: 7.1.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-27 16/10/1999						<a href="#">get it</a>	remarks - general:	
	ETSI publication 03/08/1999						<a href="#">get it</a>	remarks - this release:	
	SP-11 02/04/2001						<a href="#">get it</a>		
	7 . 0 . 0								
	7 . 0 . 1								
	7 . 1 . 0								
<b>TS 02.16</b>	<b>International Mobile Station Equipment Identities (IMEI)</b>								
R98	current version: 7.2.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999						<a href="#">get it</a>	remarks - this release:	
	SP-08 23/06/2000						<a href="#">get it</a>		
	7 . 0 . 0								
	7 . 1 . 0								
	7 . 2 . 0								
<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>								
R98	current version: 7.1.1	WG (prime / other):	T3 / S1	rapporteur:	HOOKER, Philip	ORANGE PCS LTD			
	freeze_meeting:	G: yes	U:	MCC:	DIETZE, Claus				
	history (event, available, version,								
	smg-26 26/06/1998						<a href="#">get it</a>	remarks - general:	
	smg-27 16/10/1998						<a href="#">get it</a>	remarks - this release:	
	smg-29 25/06/1999						<a href="#">get it</a>		
	7 . 0 . 0								
	7 . 1 . 0								
	7 . 1 . 1								
<b>TS 02.19</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API); Stage 1</b>								
R98	current version: 7.1.0	WG (prime / other):	T3 / -	rapporteur:	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A			
	freeze_meeting:	G: yes	U:	MCC:	DIETZE, Claus				
	history (event, available, version,								
	smg-27 16/10/1998						<a href="#">get it</a>	remarks - general: SMG9->T3@#31	
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - this release:	
	7 . 0 . 0								
	7 . 1 . 0								
<b>TS 02.22</b>	<b>Stage 1 for personalisation of GSM ME</b>								
R98	current version: 7.0.0	WG (prime / other):	S1 /	rapporteur:	DURAND, Romain	ALCATEL S.A.			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - general:	
	7 . 0 . 0							remarks - this release:	

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

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<b>TS 02.24</b>	<b>Description of Charge Advice Information (CAI)</b>						
R98	current version: 7.0.1	WG (prime / other): S1 /		rapporteur: DWYER, Paul		NORTEL NETWORKS (EUROPE)	
	freeze_meeting:	G: yes U:		MCC: CLAYTON, Michael			
	history (event, available, version,						
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:		
	ETSI publication 12/01/2000	7 . 0 . 1		<a href="#">get it</a>	remarks - this release:		
<b>TS 02.30</b>	<b>Man-machine Interface (MMI) of the Mobile Station (MS)</b>						
R98	current version: 7.1.1	WG (prime / other): S1 /		rapporteur: JEAL, David		VODAFONE Group Plc	
	freeze_meeting:	G: yes U:		MCC: CLAYTON, Michael			
	history (event, available, version,						
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:		
	smg-29 25/06/1999	7 . 1 . 0		<a href="#">get it</a>	remarks - this release:		
	editorial	7 . 1 . 1	Until available, make do with 7.1.0				
<b>TS 02.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 1</b>						
R98	current version: 7.1.1	WG (prime / other): S3 /		rapporteur: WRIGHT, Tim		Indicate persons who left Company and wait for new One	
	freeze_meeting:	G: yes U:		MCC: POPE, Maurice			
	history (event, available, version,						
	smg-25 20/03/1998	7 . 0 . 0		<a href="#">get it</a>	remarks - general:		
	smg-26 26/06/1998	7 . 1 . 0		<a href="#">get it</a>	remarks - this release:		
	smg-29 25/06/1999	7 . 1 . 1		<a href="#">get it</a>			
<b>TS 02.32</b>	<b>Immediate Service Termination (IST); Service description; Stage 1</b>						
R98	current version: 7.1.1	WG (prime / other): S3 /		rapporteur: WRIGHT, Tim		Indicate persons who left Company and wait for new One	
	freeze_meeting:	G: yes U:		MCC: POPE, Maurice			
	history (event, available, version,						
	draft 26/06/1996	1 . 0 . 0		<a href="#">get it</a>	remarks - general:		
	draft 01/03/1998	2 . 0 . 0		<a href="#">get it</a>	remarks - this release:		
	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>			

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<b>TS 02.33</b>	<b>Lawful Interception (LI); Stage 1</b>					
R98	current version: 7.3.0	WG (prime / other): S3 /	rapporteur: MCKIBBEN, Bernie	MOTOROLA GmbH		
	freeze_meeting:	G: yes U:	MCC: POPE, Maurice			
	history (event, available, version,					
	smg-25 20/03/1998 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-27 16/10/1998 7 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	smg-28 12/02/1999 7 . 2 . 0	<a href="#">get it</a>				
	editorial 7 . 2 . 1					
	smg-29 25/06/1999 7 . 3 . 0	<a href="#">get it</a>				
<b>TS 02.34</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other): S1 /	rapporteur: KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<b>TS 02.40</b>	<b>Procedures for Call Progress Indications</b>					
R98	current version: 7.0.1	WG (prime / other): S1 / NP	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	edito 28/07/1999 7 . 0 . 1	<a href="#">get it</a>	remarks - this release:			
<b>TS 02.41</b>	<b>Operator Determined Barring</b>					
R98	current version: 7.0.0	WG (prime / other): S1 /	rapporteur: ...,	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<b>TS 02.42</b>	<b>Network Identity and Timezone (NITZ); Service Description, Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other): S1 /	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			

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<b>TS 02.43</b>	<b>Support of Localised Service Area (SoLSA); Service description; Stage 1</b>					
R98	current version: 7.3.0	WG (prime / other): S1 /	rporteur: KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,				remarks - general:	
	smg-27 7 . 0 . 0				remarks - this release:	
	smg-28 7 . 1 . 0					
	SP-05 7 . 2 . 0					
	SP-08 07/09/2000 7 . 3 . 0				<a href="#">get it</a>	
<b>TS 02.48</b>	<b>Security mechanisms for the SIM Application Toolkit; Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other): T3 / S3	rporteur: BARNES, Nigel	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version,				remarks - general: SMG9->T3@#31	
	smg-29 25/06/1999 7 . 0 . 0				remarks - this release:	
					<a href="#">get it</a>	
<b>TS 02.53</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>					
R98	current version: 7.0.1	WG (prime / other): S4 /	rporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes U:	MCC: USAI, Paulino			
	history (event, available, version,				remarks - general: SMG11->S4 at SMG#30	
	smg-25 20/03/1998 7 . 0 . 0				remarks - this release:	
	ETSI publication 16/08/1999 7 . 0 . 1				<a href="#">get it</a>	
					<a href="#">get it</a>	
<b>TS 02.56</b>	<b>GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1</b>					
R98	current version: 7.2.1	WG (prime / other): S1 / -	rporteur: GALLIGO, Michel	ALCATEL S.A.		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,				remarks - general:	
	smg-27 16/10/1998 7 . 0 . 0				remarks - this release: #27: 7.0.0 #28: 7.1.0 #29: 7.2.0	
	smg-28 12/02/1999 7 . 1 . 0				<a href="#">get it</a>	
	ETSI PE 26/05/1999 7 . 1 . 1				<a href="#">get it</a>	
	smg-29 25/06/1999 7 . 2 . 0				<a href="#">get it</a>	
	ETSI publication 05/09/2000 7 . 2 . 1				<a href="#">get it</a>	

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<b>TS 02.57</b>	<b>Mobile Station Application Execution Environment (MExE) Service description Stage 1</b>								
R98	current version: 7.1.0	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	ETSI Secretariat					
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael						
	history (event, available, version,								
	smg-25 20/03/1998	7 . 0 . 0	<a href="#">get it</a>	remarks - general:					
	smg-29 25/06/1999	7 . 1 . 0	<a href="#">get it</a>	remarks - this release: #25: 7.0.0 #29: 7.1.0					
<b>TS 02.60</b>	<b>General Packet Radio Service Stage 1 Description</b>								
R98	current version: 7.5.0	WG (prime / other): S1 / -	rapporteur: CARPENTER, Paul	Lucent Technologies Network Systems UK					
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael						
	history (event, available, version,								
	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: 7.2.0 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>						
<b>TS 02.63</b>	<b>Packet Data on Signalling channels Service (PDS); Stage 1</b>								
R98	current version: 7.0.0	WG (prime / other): S1 / -	rapporteur: CONRAD, Alan	T-MOBILE DEUTSCHLAND					
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael						
	history (event, available, version,								
	smg-29 25/06/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:					
				remarks - this release:					
<b>TS 02.66</b>	<b>Support of Mobile Number Portability (MNP); Service description; Stage 1</b>								
R98	current version: 7.1.0	WG (prime / other): S1 / -	rapporteur: VACANT,						
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael						
	history (event, available, version,								
	smg-25 20/03/1998	7 . 0 . 0	<a href="#">get it</a>	remarks - general:					
	SP-07 15/03/2000	7 . 1 . 0	<a href="#">get it</a>	remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) TSG#7: 7.1.0					
<b>TS 02.67</b>	<b>Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1</b>								
R98	current version: 7.0.1	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,								
	smg-29 25/06/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:					
	ETSI publication 12/01/2000	7 . 0 . 1	<a href="#">get it</a>	remarks - this release:					

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<b>TS 02.68</b>	<b>Voice Group Call Service (VGCS); Stage 1</b>					
R98	current version: 7.0.2	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,					
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - general:	
	edito 25/06/1999			<a href="#">get it</a>	remarks - this release:	
	publish EN 300 24/08/2000			<a href="#">get it</a>		
	925					
<hr/>						
<b>TS 02.69</b>	<b>Voice Broadcast Service (VBS); Stage 1</b>					
R98	current version: 7.0.2	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,					
	smg-28 12/02/1999			<a href="#">get it</a>	remarks - general:	
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - this release: #28: 7.0.0	
	ETSI publication 29/12/1999			<a href="#">get it</a>		
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<b>TS 02.71</b>	<b>Location Services (LCS); Stage 1</b>					
R98	current version: 7.3.0	WG (prime / other):	S1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-28 12/02/1999			<a href="#">get it</a>	remarks - general:	
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - this release: #28: 1.0.0 #29: 7.0.0 TSG#5 7.1.0 TSG#6: 7.2.0 TSG#11:7.3.0	
	SP-05 08/10/1999			<a href="#">get it</a>		
	SP-06 15/12/1999			<a href="#">get it</a>		
	SP-11 06/04/2001			<a href="#">get it</a>		
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<b>TS 02.72</b>	<b>Call Deflection Service description, Stage 1</b>					
R98	current version: 7.2.1	WG (prime / other):	S1 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-25 20/03/1998			<a href="#">get it</a>	remarks - general:	
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0	
	smg-28 12/02/1999			<a href="#">get it</a>		
	smg-29 25/06/1999			<a href="#">get it</a>		

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<b>TS 02.78</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)</b>								
R98	current version: 7.2.0	WG (prime / other):	S1 / -	rapporteur:	GRECH, Michel	Lucent Technologies Network Systems UK			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-29	25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
SP-10	12/01/2001	7	. 1	. 0	<a href="#">get it</a>	remarks - this release:			
SP-14	14/01/2002	7	. 2	. 0	<a href="#">get it</a>				
<b>TS 02.79</b>	<b>Support of Optimal Routeing (SOR); Service definition (Stage 1)</b>								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	FREY, Sophie	Indicate persons who left Company and wait for new One			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-29	25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
						remarks - this release: #29: 7.0.0			
<b>TS 02.81</b>	<b>Line Identification Supplementary Services; Stage 1</b>								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-29	25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
						remarks - this release: #29: 7.0.0			
<b>TS 02.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>								
R98	current version: 7.0.1	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-28	12/02/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
smg-29	25/06/1999	7	. 0	. 1	<a href="#">get it</a>	remarks - this release: #28: 7.0.0			
<b>TS 02.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1</b>								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-29	25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
						remarks - this release: #29: 7.0.0			

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<b>TS 02.84</b>	<b>MultiParty (MPY) Supplementary Services; Stage 1</b>				
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael
	history (event, available, version,				SIEMENS AG
	smg-29 25/06/1999 7 . 0 . 0				
		<a href="#">get it</a>		remarks - general:	
				remarks - this release: #29: 7.0.0	
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<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
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael
	history (event, available, version,				TELIA AB
	smg-29 25/06/1999 7 . 0 . 0				
		<a href="#">get it</a>		remarks - general:	
				remarks - this release: #29: 7.0.0	
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<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
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael
	history (event, available, version,				VODAFONE Group Plc
	smg-29 25/06/1999 7 . 0 . 0				
		<a href="#">get it</a>		remarks - general:	
				remarks - this release: #29: 7.0.0	
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<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
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael
	history (event, available, version,				T-MOBILE DEUTSCHLAND
	smg-25 20/03/1998 7 . 0 . 0				
	smg-28 12/02/1999 7 . 1 . 0	<a href="#">get it</a>		remarks - general:	
	smg-29 25/06/1999 7 . 1 . 1	<a href="#">get it</a>		remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1	
	ETSI publication 16/12/1999 7 . 1 . 2	<a href="#">get it</a>			
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<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
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael
	history (event, available, version,				T-MOBILE DEUTSCHLAND
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<b>TS 02.90</b>	<b>Stage 1 Decision of Unstructured Supplementary Service Data (USSD)</b>								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	SLOTTE, Sverre	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release: #29: 7.0.0				
<b>TS 02.91</b>	<b>Explicit Call Transfer (ECT)</b>								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG			
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release: #29: 7.0.0				
<b>TS 02.93</b>	<b>Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1</b>								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release: #29: 7.0.0				
<b>TS 02.95</b>	<b>Support of Private Numbering Plan (SPNP); Service description; Stage 1</b>								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release: #29: 7.0.0				
<b>TS 02.96</b>	<b>Name Identification Supplementary Services; Stage 1</b>								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release: #29: 7.0.0				

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**TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1**

R98 *current version: 7.1.0* WG (prime / other): S1 / - rapporteur: CLAYTON, Michael ETSI Secretariat  
*freeze\_meeting:* G: yes U: MCC: CLAYTON, Michael  
*history (event, available, version,*  
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0*

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R98 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**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:* G: yes U: MCC: SULTAN, Alain  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG3->SA2 @ TSG#7*  
*remarks - this release: #29:7.0.0*

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**TS 03.02 Network Architecture**

R98 *current version: 7.1.0* WG (prime / other): S2 / NP / rapporteur: SULTAN, Alain ETSI Secretariat  
*freeze\_meeting:* T2 U: MCC: SULTAN, Alain  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
SP-06 17/12/1999 7 . 1 . 0 [get it](#) *remarks - this release: #29: 7.0.0 S#6: 7.1.0*

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<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>								
R98	current version: 7.7.0		WG (prime / other): N4 / T2	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB				
	freeze_meeting:		G: yes U:	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-29 25/06/1999	7 . 1 . 0		<a href="#">get it</a>	remarks - this release: #25: 6.0.0 #26: 6.1.0 #28: 7.0.0 #29: 7.1.0 TSG#5 7.2.0 TSG#6 7.3.0 edito:7.3.1 TSG#7: 7.4.0 TSG#8:7.5.0				
	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	7 . 7 . 0							
<b>TR 03.05</b>	<b>Technical performance objectives</b>								
R98	current version: 7.0.0		WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat				
	freeze_meeting:		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version,								
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release: #29: 7.0.0				
<b>TS 03.07</b>	<b>Restoration Procedures</b>								
R98	current version: 7.1.0		WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD				
	freeze_meeting:		G: yes U:	MCC: Chalmers KYMALAINEN, Kimmo					
	history (event, available, version,								
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	NP-06 15/12/1999	7 . 1 . 0		<a href="#">get it</a>	remarks - this release: #29: 7.0.0 N#6: 7.1.0				
<b>TS 03.08</b>	<b>Organization of Subscriber Data</b>								
R98	current version: 7.4.0		WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG				
	freeze_meeting:		G: yes U:	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-29 25/06/1999	7 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
	NP-06 17/12/1999	7 . 2 . 0		<a href="#">get it</a>					
	NP-07 15/03/2000	7 . 3 . 0		<a href="#">get it</a>					
	NP-09 31/10/2000	7 . 4 . 0		<a href="#">get it</a>					

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<b>TS 03.09</b>	<b>Handover Procedures</b>					
R98	current version: 7.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated
	freeze_meeting:	G: yes	U:	MCC:	Rouzbeh	
	history (event, available, version,				JORGENSEN, Per Johan	
	smg-29 25/06/1999 7 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #29: 7.0.0		
<hr/>						
<b>TS 03.10</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</b>					
R98	current version: 7.0.1	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	smg-27 16/10/1998 7 . 0 . 0					
	smg-29 26/06/1999 7 . 0 . 1					
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:		
<hr/>						
<b>TS 03.11</b>	<b>Technical Realization of Supplementary Services - General Aspects</b>					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0					
	ETSI publication 12/01/2000 7 . 0 . 1					
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release: #29: 7.0.0		
<hr/>						
<b>TS 03.12</b>	<b>Location Registration Procedures</b>					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	GAASVIK, Per-Ola	COMVIQ GSM AB
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #29: 7.0.0		
<hr/>						
<b>TS 03.13</b>	<b>Discontinuous Reception (DRX) in the GSM System</b>					
R98	current version: 7.0.0	WG (prime / other):	G1 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #29: 7.0.0		

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<b>TS 03.14</b>	<b>Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System</b>								
R98	current version: 7.0.1	WG (prime / other):	N1 / -	rapporteur:	ZAUS, Robert	SIEMENS AG			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
history (event, available, version,									
smg-28	12/02/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
edito	10/08/1999	7	.	0	.	1	<a href="#">get it</a>	remarks - this release: #28: 7.0.0	
<hr/>									
<b>TS 03.15</b>	<b>Technical Realization of Operator Determined Barring</b>								
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD			
	freeze_meeting:	G: yes	U:	MCC:	Chalmers KYMALAINEN, Kimmo				
history (event, available, version,									
smg-29	25/06/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
								remarks - this release: #29: 7.0.0	
<hr/>									
<b>TS 03.16</b>	<b>Subscriber Data Management</b>								
R98	current version: 7.5.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG			
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
smg-28	12/02/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
smg-29	25/06/1999	7	.	1	.	0	<a href="#">get it</a>	remarks - this release: #28: 7.0.0 SMG#29: 7.1.0 TSG#6: 7.2.0 TSG#7: 7.3.0 TSG#9: 7.4.0 TSG#11: 7.5.0	
NP-06	15/12/1999	7	.	2	.	0	<a href="#">get it</a>		
NP-07	15/03/2000	7	.	3	.	0	<a href="#">get it</a>		
NP-09	31/10/2000	7	.	4	.	0	<a href="#">get it</a>		
NP-11	02/04/2001	7	.	5	.	0	<a href="#">get it</a>		
<hr/>									
<b>TS 03.18</b>	<b>Basic Call Handling</b>								
R98	current version: 7.4.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD			
	freeze_meeting:	G: yes	U:	MCC:	Chalmers KYMALAINEN, Kimmo				
history (event, available, version,									
smg-28	12/02/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
smg-29	25/06/1999	7	.	1	.	0	<a href="#">get it</a>	remarks - this release: #28: 7.0.0 SMG#29: 7.1.0 TSG#5 7.2.0 TSG#7: 7.3.0 TSG#9: 7.4.0	
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>		
NP-09	31/10/2000	7	.	4	.	0	<a href="#">get it</a>		

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<b>TS 03.19</b>	<b>GSM API for SIM toolkit stage 2</b>								
R98	current version: 7.5.0		WG (prime / other): T3 / -	rapporteur: DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A				
	freeze_meeting:		G: yes U:	MCC: DIETZE, Claus					
	history (event, available, version,								
	smg-28 12/02/1999	1 . 0 . 0		<a href="#">get it</a>	remarks - general: SMG9->T3@#31				
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - this release: #28: 1.0.0 SMG#29: 7.0.0 #31:7.1.0 TSG#8:7.2.0 TSG#9:7.3.0 TSG#10:7.4.0;				
	smg-31 16/02/2000	7 . 1 . 0		<a href="#">get it</a>	Sanders(2001-01-15): cannot implement vv7.2.0, 7.3.0, 7.4.0 until JavaScript				
	TP-08 23/06/2000	7 . 2 . 0		<a href="#">get it</a>	compiler bug fixed; do not publish 7.2.0, 7.3.0, but go straight to 7.4.0.				
	TP-08 28/09/2000	7 . 3 . 0		<a href="#">get it</a>					
	TP-10 07/03/2001	7 . 4 . 0		<a href="#">get it</a>					
	TP-11 27/07/2001	7 . 5 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 03.20</b>	<b>Security-related Network Functions</b>								
R98	current version: 7.2.0		WG (prime / other): S3 / NP / GP	rapporteur: NGUYEN NGOC, Sebastien	France Telecom				
	freeze_meeting:		G: yes U:	MCC: POPE, Maurice					
	history (event, available, version,								
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-29 25/06/1999	7 . 1 . 0		<a href="#">get it</a>	remarks - this release: #32:7.3.0? - status of CRs unclear.				
	smg-30 11/11/1999	7 . 2 . 0		<a href="#">get it</a>					
					CR at smg-32 would have created 7.3.0, but unclear whether or not				
<hr/>									
<b>TS 03.22</b>	<b>Functions related to Mobile Station (MS) in idle mode and group receive mode</b>								
R98	current version: 7.4.0		WG (prime / other): G1 / N1	rapporteur: ANDERSEN, Niels	MOTOROLA A/S				
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino					
	history (event, available, version,								
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general: 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>	remarks - this release: 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>					

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<b>TR 03.26</b>	<b>Multiband operation of GSM/DCS 1800 by a single operator</b>					
R98	current version: 7.0.0	WG (prime / other):	G1 / NP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov USAI, Paolino	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:	#29: 7.0.0	
<b>TR 03.30</b>	<b>Radio Network Planning Aspects</b>					
R98	current version: 7.1.0	WG (prime / other):	GP / -	rapporteur:	TEGTH, Ulf	TELIA AB
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	smg-31 16/02/2000 7 . 1 . 0	<a href="#">get it</a>		remarks - this release:	#29: 7.0.0 #31:7.1.0	
<b>TS 03.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 2</b>					
R98	current version: 7.0.0	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim	Indicate persons who left Company and wait for new One
	freeze_meeting:	G: yes	U:	MCC:	POPE, Maurice	
	history (event, available, version, smg-26 26/06/1998 7 . 0 . 0	<a href="#">get it</a>		remarks - general:	2001-09-03: S3 secretary reports that this spec is not mature enough for official	
				remarks - this release:	#26: 7.0.0 (was rumoured to be a need for .1 but nothing more known.) publication. Work	
continues in 43.031.						
<b>TS 03.32</b>	<b>Universal Geographical Area Description (GAD)</b>					
R98	current version: 7.1.0	WG (prime / other):	S2 / -	rapporteur:	SULTAN, Alain	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	SULTAN, Alain	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	SP-08 23/06/2000 7 . 1 . 0	<a href="#">get it</a>		remarks - this release:	#29: 7.0.0 TSG#8:7.1.0	
<b>TS 03.33</b>	<b>Lawful Interception; Stage 2</b>					
R98	current version: 7.2.0	WG (prime / other):	S3 / -	rapporteur:	MCKIBBEN, Bernie	MOTOROLA GmbH
	freeze_meeting:	G: yes	U:	MCC:	POPE, Maurice	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	smg-29 25/06/1999 7 . 1 . 0	<a href="#">get it</a>		remarks - this release:	#27: for info #28: 7.0.0 #29: 7.1.0 TSG#10:7.2.0	
	SP-10 21/12/2000 7 . 2 . 0	<a href="#">get it</a>				

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<b>TS 03.34</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 2</b>				
R98	current version: 7.0.0	WG (prime / other):	N1 / -	rapporteur:	KOKKOLA, Tommi NOKIA Corporation
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - general: remarks - this release: #29: 7.0.0
	7 . 0 . 0				
<hr/>					
<b>TS 03.35</b>	<b>Immediate Service Termination (IST); Stage 2</b>				
R98	current version: 7.0.1	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim Indicate persons who left Company and wait for new One
	freeze_meeting:	G: yes	U:	MCC:	POPE, Maurice
	history (event, available, version,				
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:
	ETSI publication 30/10/2001			<a href="#">get it</a>	remarks - this release:
	7 . 0 . 0				
	7 . 0 . 1				
<hr/>					
<b>TS 03.38</b>	<b>Alphabets and language-specific information</b>				
R98	current version: 7.2.0	WG (prime / other):	T2 / -	rapporteur:	HARRIS, Ian Teleca Limited
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm
	history (event, available, version,				
	smg-26 26/06/1998			<a href="#">get it</a>	remarks - general:
	smg-28 12/02/1999			<a href="#">get it</a>	remarks - this release: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0
	smg-29 25/06/1999			<a href="#">get it</a>	
	7 . 0 . 0				
	7 . 1 . 0				
	7 . 2 . 0				
<hr/>					
<b>TS 03.40</b>	<b>Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)</b>				
R98	current version: 7.5.0	WG (prime / other):	T2 / -	rapporteur:	HARRIS, Ian Teleca Limited
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm
	history (event, available, version,				
	smg-26 26/06/1998			<a href="#">get it</a>	remarks - general:
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - this release:
	smg-29 25/06/1999			<a href="#">get it</a>	
	TP-05 08/10/1999			<a href="#">get it</a>	
	TP-06 15/12/1999			<a href="#">get it</a>	
	TP-14 11/01/2002			<a href="#">get it</a>	
	7 . 0 . 0				
	7 . 1 . 0				
	7 . 2 . 0				
	7 . 3 . 0				
	7 . 4 . 0				
	7 . 5 . 0				

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<b>TS 03.41</b>	<b>Technical Realization of Short Message Service Cell Broadcast (SMSCB)</b>								
R98	current version: 7.4.0	WG (prime / other):	T2 / -	rapporteur:	HARRIS, Ian	Teleca Limited			
	freeze_meeting:	G: yes U:		MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-29 25/06/1999	7 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
	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>					
<hr/>									
<b>TS 03.42</b>	<b>SMS Compression</b>								
R98	current version: 7.1.1	WG (prime / other):	T2 / -	rapporteur:	HARRIS, Ian	Teleca Limited			
	freeze_meeting:	G: yes U:		MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-26 26/06/1998	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-28 12/02/1999	7 . 1 . 0		<a href="#">get it</a>	remarks - this release: #26: 7.0.0 #28: 7.1.0				
	smg-29 25/06/1999	7 . 1 . 1		<a href="#">get it</a>					
<hr/>									
<b>TR 03.43</b>	<b>Support of Videotex</b>								
R98	current version: 7.0.0	WG (prime / other):	T2 / -	rapporteur:	DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	freeze_meeting: SP-08	G: yes U:		MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release: #29: 7.0.0				
<hr/>									
<b>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>								
R98	current version: 7.0.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat			
	freeze_meeting: SP-08	G: yes U:		MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release: #29: 7.0.0				

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<b>TS 03.45</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>								
R98	current version: 7.0.1	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - general:	
	ETSI publication 12/01/2000						<a href="#">get it</a>	remarks - this release:	
<b>TS 03.46</b>	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b>								
R98	current version: 7.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - general:	
								remarks - this release:	
<b>TR 03.47</b>	<b>Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)</b>								
R98	current version: 7.0.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat			
	freeze_meeting: SP-08	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - general:	
								remarks - this release: #29: 7.0.0	
<b>TS 03.48</b>	<b>Security mechanisms for SIM application toolkit; Stage 2</b>								
R98	current version: 7.0.1	WG (prime / other):	T3 / -	rapporteur:	BARNES, Nigel	MOTOROLA Ltd			
	freeze_meeting:	G: yes	U:	MCC:	DIETZE, Claus				
	history (event, available, version,								
	smg-28 12/02/1999						<a href="#">get it</a>	remarks - general: SMG9->T3@#31	
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - this release:	
<b>TR 03.49</b>	<b>Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)</b>								
R98	current version: 7.0.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat			
	freeze_meeting: SP-08	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - general:	
								remarks - this release:	

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<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>								
R98	current version: 7.1.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	ETSI publication 12/01/2000	7	.	0	.	1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0 #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>		

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<b>TS 03.52</b>	<b>Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2</b>								
R98	current version: 7.1.1	WG (prime / other):	G1 / -	rapporteur:	GIRAUD, Alexis	ALCATEL S.A.			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-28 12/02/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	ETSI PE 26/05/1999	7	.	0	.	1	<a href="#">get it</a>	remarks - this release: #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>		

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<b>TS 03.53</b>	<b>Tandem Free Operation (TFO); Service description; Stage 2</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / NP / S2	rapporteur:	FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-25 20/03/1998	7	.	0	.	0	<a href="#">get it</a>	remarks - general: Mar00: prime responsibility txfrd to SMG11	
	smg-29 25/06/1999	7	.	0	.	1	<a href="#">get it</a>	remarks - this release: #25: 7.0.0	

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<b>TS 03.54</b>	<b>Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2</b>								
R98	current version: 7.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-29 25/06/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
								remarks - this release: #29: 7.0.0	

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<b>TS 03.56</b>	<b>GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2</b>					
R98	current version: 7.1.1	WG (prime / other): S2 / -	rapporteur: ROBERTS, Martin	Nortel		
	freeze_meeting:	G: yes U:	MCC: SULTAN, Alain			
history (event, available, version,						
smg-28 12/02/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
ETSI PE 26/05/1999	7 . 0 . 1	<a href="#">get it</a>	remarks - this release: #27: for info #28: 7.0.0 #29: 7.1.0			
smg-29 25/06/1999	7 . 1 . 0	<a href="#">get it</a>				
ETSI publication 05/09/2000	7 . 1 . 1	<a href="#">get it</a>				

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<b>TS 03.57</b>	<b>Mobile Station Application Execution Environment (MExE); Functional description; Stage 2</b>					
R98	current version: 7.2.0	WG (prime / other): T2 / -	rapporteur: CATALDO, Mark	Openwave Systems (N.I.) Ltd		
	freeze_meeting:	G: yes U:	MCC: RODERMUND, Friedhelm			
history (event, available, version,						
smg-29 25/06/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
TP-06 15/12/1999	7 . 1 . 0	<a href="#">get it</a>	remarks - this release: #27: for info #29: 7.0.0 T#6: 7.1.0 expect TSG#7 CR to fix unimplementable one at TSG#6. TSG#7: 7.2.0			
TP-07 15/03/2000	7 . 2 . 0	<a href="#">get it</a>				

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<b>TR 03.58</b>	<b>Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)</b>					
R98	current version: 7.0.0	WG (prime / other): S4 / -	rapporteur: MONFORT, Jean-Yves	France Telecom		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
history (event, available, version,						
smg-29 25/06/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: #29: 7.0.0			

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## TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R98 *current version: 7.8.1* WG (prime / other): S2 / - rapporteur: DELECKI, Andrew MOTOROLA Ltd  
*freeze\_meeting:* G: yes U: MCC: SULTAN, Alain

*history (event, available, version,*  
smg-28 12/02/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
ETSI publication 20/01/2000 7 . 1 . 1 [get it](#)  
SP-05 08/10/1999 7 . 2 . 0 [get it](#)  
SP-06 15/12/1999 7 . 3 . 0 [get it](#)  
ETSI publication 07/07/2000 7 . 3 . 1 [get it](#)  
SP-07 15/03/2000 7 . 4 . 0 [get it](#)  
ETSI publication 22/09/2000 7 . 4 . 1 [get it](#)  
SP-09 01/02/2001 7 . 5 . 0 [get it](#)  
SP-11 19/04/2001 7 . 6 . 0 [get it](#)  
SP-12 29/06/2001 7 . 7 . 0 [get it](#)  
SP-14 08/01/2002 7 . 8 . 0 [get it](#)  
edito 7 . 8 . 1

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

*history (event, available, version,*  
smg-31 16/02/2000 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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

*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:*

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<b>TS 03.66</b>	<b>Support of GSM Mobile Number Portability (MNP); Stage 2</b>				
R98	current version: 7.3.1	WG (prime / other):	N4 / -	rapporteur:	LOPEZ SORIA, Luis Telefon AB LM Ericsson
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				
	smg-28 12/02/1999			<a href="#">get it</a>	remarks - general:
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - this release: #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 (Expect 7.3.0 dealing with PE comments.)
					TSG#7: 7.3.0
	NP-05 08/10/1999			<a href="#">get it</a>	
	NP-07 15/03/2000			<a href="#">get it</a>	
	ETSI publication 10/10/2000			<a href="#">get it</a>	

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<b>TS 03.67</b>	<b>Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2</b>				
R98	current version: 7.2.0	WG (prime / other):	N4 / -	rapporteur:	MÜNNING, Dirk DETECON GMBH
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - general:
	NP-07 17/03/2000			<a href="#">get it</a>	remarks - this release: #29: 7.0.0 TSG#7: 7.1.0 TSG#10:7.2.0
	NP-10 21/12/2000			<a href="#">get it</a>	

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<b>TS 03.68</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>				
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting:	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - general:
	NP-07 15/12/1999			<a href="#">get it</a>	remarks - this release: #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0
	NP-09 12/10/2000			<a href="#">get it</a>	

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<b>TS 03.69</b>	<b>Voice Broadcast service (VBS); Stage 2</b>				
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	MÜNNING, Dirk DETECON GMBH
	freeze_meeting:	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - general:
	NP-07 15/03/2000			<a href="#">get it</a>	remarks - this release: #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0
	NP-09 12/10/2000			<a href="#">get it</a>	

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## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R98 current version: 7.0.0  
freeze\_meeting:  
history (event, available, version,  
smg-29 25/06/1999 7 . 0 . 0

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

[get it](#) remarks - general: N3: "no R99 needed".  
remarks - this release: #29: 7.0.0

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## TS 03.71 Location Services (LCS); Functional description; Stage 2

R98 current version: 7.10.0  
freeze\_meeting:  
history (event, available, version,  
smg-28 12/02/1999 1 . 0 . 0  
smg-29 25/06/1999 7 . 0 . 0  
SA2-06 30/07/1999 7 . 2 . 0  
edito 29/12/1999 7 . 2 . 1  
smg-31 16/02/2000 7 . 3 . 0  
smg-31 bis 17/04/2000 7 . 4 . 0  
SP-11 11/04/2001 7 . 5 . 0  
SP-12 29/06/2001 7 . 6 . 0  
SP-13 15/10/2001 7 . 7 . 0  
SP-14 07/01/2002 7 . 8 . 0  
SP-15 02/04/2002 7 . 9 . 0  
SP-16 7 . 10 . 0

WG (prime / other): S2 / - rapporteur: BROOK, Richard SAMSUNG Electronics Research Institute  
G: yes U: MCC: SULTAN, Alain

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

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## TS 03.72 Call Deflection stage 2

R98 current version: 7.1.0  
freeze\_meeting:  
history (event, available, version,  
smg-28 12/02/1999 7 . 0 . 0  
smg-29 25/06/1999 7 . 0 . 1  
NP-05 08/10/1999 7 . 1 . 0

WG (prime / other): N4 / - rapporteur: VACANT,  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #28: 7.0.0 TSG#5 7.1.0  
[get it](#)

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## TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R98 current version: 7.2.0

freeze\_meeting:

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

smg-30 11/11/1999 7 . 2 . 0

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo ETSI Secretariat

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](#)

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## TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R98 current version: 7.8.0

freeze\_meeting:

history (event, available, version,

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 7 . 8 . 0

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](#)

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## TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R98 current version: 7.3.0

freeze\_meeting:

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

NP-05 08/10/1999 7 . 2 . 0

NP-07 15/03/2000 7 . 3 . 0

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

G: yes U: MCC: Chalmers

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](#)

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<b>TS 03.81</b>	<b>Line Identification Supplementary Services; Stage 2</b>				
R98	current version: 7.0.1	WG (prime / other): N4 / -	rapporteur: VACANT,		
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-29 25/06/1999 7 . 0 . 1	<a href="#">get it</a>	remarks - this release: #28: 7.0.0		
<hr/>					
<b>TS 03.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>				
R98	current version: 7.0.0	WG (prime / other): N4 / -	rapporteur: POTHS, Annette	Indicate persons who left Company and wait for new	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo	One	
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: #29: 7.0.0		
<hr/>					
<b>TS 03.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2</b>				
R98	current version: 7.0.0	WG (prime / other): N4 / -	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: #29: 7.0.0		
<hr/>					
<b>TS 03.84</b>	<b>Multi Party (MPPTY) Supplementary Services; Stage 2</b>				
R98	current version: 7.0.0	WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: #29: 7.0.0		
<hr/>					
<b>TS 03.85</b>	<b>Closed user Group (CUG) Supplementary Services; Stage 2</b>				
R98	current version: 7.0.0	WG (prime / other): N4 / -	rapporteur: VACANT,		
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release:		

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**TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2**

R98 *current version: 7.0.1*  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0  
ETSI publication 12/01/2000 7 . 0 . 1

*WG (prime / other):* N4 / - *rapporteur:* VACANT,  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #29: 7.0.0*

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**TS 03.87 User-to-user signalling (UUS); Stage 2**

R98 *current version: 7.0.2*  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0  
smg-29 25/06/1999 7 . 0 . 1  
ETSI publication 17/12/1999 7 . 0 . 2

*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*  
[get it](#)

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**TS 03.88 Call Barring (CB) supplementary services; Stage 2**

R98 *current version: 7.0.0*  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* HAMEL, Eric France Telecom  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
[get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

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**TS 03.90 Unstructured Supplementary Service Data (USSD)**

R98 *current version: 7.0.0*  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* CHOTAI, Sunil mmO2 plc  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
[get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

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**TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2**

R98 *current version: 7.0.0*  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* DZUBAN, Stanislav SIEMENS AG  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
[get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

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<b>TS</b>	<b>03.93</b>	<b>Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2</b>							
R98		current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	HÄMÄLÄINEN, Pekka	Telefon AB LM Ericsson		
		freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo			
		history (event, available, version,							
		smg-29 25/06/1999							
		7 . 0 . 0			<a href="#">get it</a>	remarks - general:			
						remarks - this release: #29: 7.0.0			
<b>TS</b>	<b>03.96</b>	<b>Name Identification Supplementary Services; Stage 2</b>							
R98		current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)		
		freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo			
		history (event, available, version,							
		smg-29 25/06/1999							
		7 . 0 . 0			<a href="#">get it</a>	remarks - general:			
						remarks - this release: #29: 7.0.0			
<b>TS</b>	<b>03.97</b>	<b>Multiple subscriber Profile (MSP); Stage 2</b>							
R98		current version: 7.2.0	WG (prime / other):	N4 / -	rapporteur:	HEWSON, Ruth	VODAFONE Group Plc		
		freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo			
		history (event, available, version,							
		smg-28 12/02/1999							
		7 . 0 . 0			<a href="#">get it</a>	remarks - general:			
		smg-29 25/06/1999			<a href="#">get it</a>	remarks - this release:			
		7 . 1 . 0			<a href="#">get it</a>				
		NP-05 08/10/1999			<a href="#">get it</a>				
		7 . 1 . 1			<a href="#">get it</a>				
		NP-06 15/12/1999							
		7 . 2 . 0							
<hr/>									
		R98	04 .- series	Server location: <a href="http://www.3gpp.org/ftp/Specs/archive/04_series">http://www.3gpp.org/ftp/Specs/archive/04_series</a>					
<b>TS</b>	<b>04.01</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles</b>							
R98		current version: 7.0.0	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S		
		freeze_meeting:	G: yes	U:	MCC:	Peter Skov			
		history (event, available, version,				JORGENSEN, Per Johan			
		smg-29 25/06/1999							
		7 . 0 . 0			<a href="#">get it</a>	remarks - general:			
						remarks - this release: #29: 7.0.0			

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**TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration**  
R98 *current version: 7.0.0* *freeze\_meeting:* *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*history (event, available, version,* G: yes U: *MCC:* JORGENSEN, Per Johan  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

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**TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**  
R98 *current version: 7.0.0* *freeze\_meeting:* *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*history (event, available, version,* G: yes U: *MCC:* THOMASEN, Gert  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**TS 04.04 Layer 1 - General Requirements**  
R98 *current version: 7.0.0* *freeze\_meeting:* *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*history (event, available, version,* G: yes U: *MCC:* THOMASEN, Gert  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**TS 04.05 Data Link (DL) Layer General Aspects**  
R98 *current version: 7.1.2* *freeze\_meeting:* *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*history (event, available, version,* G: yes U: *MCC:* 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: #29: 7.0.0 #31:7.1.0*  
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](#)

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**TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification**

R98 *current version: 7.2.1* WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 14/12/1999 7 . 0 . 1 [get it](#) *remarks - this release:*  
smg-31 16/02/2000 7 . 1 . 0 [get it](#)  
Editorial correction 16/02/2000 7 . 1 . 1 [get it](#)  
ETSI publication 29/09/2000 7 . 1 . 2 [get it](#)  
GP-03 31/01/2001 7 . 2 . 0 [get it](#)  
edito 31/01/2001 7 . 2 . 1 [get it](#)

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**TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects**

R98 *current version: 7.3.0* WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* G: yes U: MCC: JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
NP-05 08/10/1999 7 . 2 . 0 [get it](#)  
NP-06 15/12/1999 7 . 3 . 0 [get it](#)

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## TS 04.08 Mobile radio interface layer 3 specification

R98 current version: 7.17.0

freeze\_meeting:

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
edito	15/07/1999	7	.	1	.	1
ETSI OAP	11/08/1999	7	.	1	.	2
ETSI publication	29/12/1999	7	.	1	.	3
NP-05	08/10/1999	7	.	2	.	0
smg-30 bis	06/12/1999	7	.	3	.	0
NP-06	15/12/1999	7	.	4	.	0
ETSI publication	20/09/2000	7	.	4	.	2
smg-31	16/02/2000	7	.	5	.	0
edito	20/02/2000	7	.	5	.	1
NP-07	15/03/2000	7	.	6	.	0
ETSI publicaton	05/10/2000	7	.	6	.	1
smg-31 bis	17/04/2000	7	.	7	.	0
smg-32	28/06/2000	7	.	8	.	0
GP-01/NP-09	12/10/2000	7	.	9	.	0
edito	02/11/2000	7	.	9	.	1
NP-10	02/01/2001	7	.	10	.	0
GP-04	11/04/2001	7	.	11	.	0
GP-05	18/06/2001	7	.	12	.	0
NP-12	13/07/2001	7	.	13	.	0
GP-06	14/09/2001	7	.	14	.	0
GP-07	04/01/2002	7	.	15	.	0
NP-14	07/01/2002	7	.	16	.	0
GP-08	19/02/2002	7	.	17	.	0

[get it](#)

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

[get it](#)

remarks - this release: Thomasen (even numbered CRs!)

[get it](#)

[get it](#)

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## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R98 current version: 7.1.0

freeze\_meeting:

WG (prime / other): N4 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	0	.	1
NP-14	10/01/2002	7	.	1	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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<b>TS 04.11</b>	<b>Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface</b>								
R98	current version: 7.1.0	WG (prime / other):	N1 / -	rapporteur:	NOBUYUKI, Uda	NTT COMWARE Corporation			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-29 25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	NP-09 12/10/2000	7	. 1	. 0	<a href="#">get it</a>	remarks - this release: #29: 7.0.0 TSG#9:7.1.0			

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<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>								
R98	current version: 7.0.1	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov THOMASEN, Gert				
	history (event, available, version,								
	smg-29 25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	ETSI publication 12/01/2000	7	. 0	. 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0			

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<b>TS 04.13</b>	<b>Performance Requirements on Mobile Radio Interface</b>								
R98	current version: 7.0.1	WG (prime / other):	N1 / -	rapporteur:	PUDNEY, Chris	VODAFONE Group Plc			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-29 25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	ETSI publication 12/01/2000	7	. 0	. 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0			

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<b>TS 04.14</b>	<b>Individual equipment type requirements and interworking; Special conformance testing functions</b>								
R98	current version: 7.2.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-29 25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	smg-30 11/11/1999	7	. 1	. 0	<a href="#">get it</a>	remarks - this release: #29: 7.0.0 #30: 7.1.0 #32:7.2.0			
	smg-32 20/06/2000	7	. 2	. 0	<a href="#">get it</a>				

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<b>TS 04.21</b>	<b>Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface</b>								
R98	current version: 7.1.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	BOSWARTHICK, David				
history (event, available, version,									
smg-27	16/10/1998	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
edito		7 . 0 . 1			remarks - this release: #27: 7.0.0 TSG#8:7.1.0				
smg-29	25/06/1999	7 . 0 . 2		<a href="#">get it</a>					
ETSI publication	14/12/1999	7 . 0 . 3		<a href="#">get it</a>					
NP-08	21/06/2000	7 . 1 . 0		<a href="#">get it</a>					

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<b>TS 04.22</b>	<b>Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services</b>								
R98	current version: <b>Switching Centre (BSS - MSC) interface</b>	7.1.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting:		G: yes U:			MCC:	BOSWARTHICK, David		
history (event, available, version,									
smg-28	12/02/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:				
NP-06	15/12/1999	7 . 1 . 0		<a href="#">get it</a>	remarks - this release: #28: 7.0.0 TSG#6: 7.1.0				

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<b>TS 04.30</b>	<b>Location Services (LCS); Supplementary service operations; Stage 3</b>								
R98	current version: 7.3.0	WG (prime / other):	N4 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
smg-30 bis	06/12/1999	7 . 0 . 1		<a href="#">get it</a>	remarks - general:	Seems to be a dispute over ownership: SMG2 or 3 (plus CN-ss)? Decision: SMG3			
smg-31	16/02/2000	7 . 1 . 0		<a href="#">get it</a>	remarks - this release: and the now-closed SS. TSG#7: txfrd to 3GPP for R99. 2001-12-13: G2->N4.				
SP-08	21/06/2000	7 . 2 . 0		<a href="#">get it</a>					
NP-14	10/01/2002	7 . 3 . 0		<a href="#">get it</a>					

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<b>TS 04.31</b>	<b>Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)</b>				
R98	current version: 7.10.0	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-30	1 . 0 . 0			remarks - general:
	smg-30 bis 06/12/1999	7 . 0 . 1	<a href="#">get it</a>		remarks - this release:
	smg-31 16/02/2000	7 . 1 . 0	<a href="#">get it</a>		
	smg-31 bis 17/04/2000	7 . 2 . 0	<a href="#">get it</a>		
	GP-02 30/11/2000	7 . 3 . 0	<a href="#">get it</a>		
	GP-03 31/01/2001	7 . 4 . 0	<a href="#">get it</a>		
	edito 31/01/2001	7 . 4 . 1	<a href="#">get it</a>		
	GP-04 04/05/2001	7 . 5 . 0	<a href="#">get it</a>		
	GP-05 18/06/2001	7 . 6 . 0	<a href="#">get it</a>		
	GP-06 14/09/2001	7 . 7 . 0	<a href="#">get it</a>		
	GP-07 08/01/2002	7 . 8 . 0	<a href="#">get it</a>		
	GP-08 19/02/2002	7 . 9 . 0	<a href="#">get it</a>		
	GP-09 02/05/2002	7 . 10 . 0	<a href="#">get it</a>		

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<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	current version: 7.4.0	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-30 bis 06/12/1999	7 . 0 . 1	<a href="#">get it</a>		remarks - general:
	smg-31 bis 17/04/2000	7 . 1 . 0	<a href="#">get it</a>		remarks - this release:
	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>		

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<b>TS 04.56</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification</b>				
R98	current version: 7.1.1	WG (prime / other): N1 / -	rapporteur: HUPPERICH, Peter	Indicate persons who left Company and wait for new One	
	freeze_meeting:	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-28 12/02/1999	7 . 0 . 0	<a href="#">get it</a>		remarks - general:
	ETSI PE 25/05/1999	7 . 0 . 1	<a href="#">get it</a>		remarks - this release: #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>		

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<b>TS 04.57</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification</b>				
R98	current version: 7.0.3	WG (prime / other):	N1 / -	rapporteur:	HUPPERICH, Peter
	freeze_meeting:				Indicate persons who left Company and wait for new One
	history (event, available, version,	G: yes	U:	MCC:	JORGENSEN, Per Johan
	smg-28 12/02/1999				
	ETSI PE 26/05/1999				
	ETSI Vote 22/05/2000				
	ETSI publication 05/09/2000				
		<a href="#">get it</a>		remarks - general:	
		<a href="#">get it</a>		remarks - this release:	#28: 7.0.0
		<a href="#">get it</a>			
		<a href="#">get it</a>			

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<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	current version: 7.9.0	WG (prime / other):	G2 / -	rapporteur:	BLACK, Jyoti
	freeze_meeting:				MOTOROLA
	history (event, available, version,	G: yes	U:	MCC:	THOMASEN, Gert
	smg-29 25/06/1999				
	smg-30 11/11/1999				
	smg-30 bis 06/12/1999				
	smg-31 16/02/2000				
	smg-32 28/06/2000				
	GP-01 11/10/2000				
	GP-02 27/11/2000				
	GP-03 31/01/2001				
	GP-04 04/05/2001				
		<a href="#">get it</a>		remarks - general:	
		<a href="#">get it</a>		remarks - this release:	
		<a href="#">get it</a>			
		<a href="#">get it</a>			
		<a href="#">get it</a>			
		<a href="#">get it</a>			
		<a href="#">get it</a>			
		<a href="#">get it</a>			
		<a href="#">get it</a>			

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<b>TS 04.63</b>	<b>Packet Data on Signalling channels Service (PDS) Service Description, Stage 3</b>				
R98	current version: 7.0.0	WG (prime / other):	N1 / -	rapporteur:	JACOBSON, Dieter
	freeze_meeting:				T-MOBILE DEUTSCHLAND
	history (event, available, version,	G: yes	U:	MCC:	JORGENSEN, Per Johan
	smg-29 25/06/1999				
		<a href="#">get it</a>		remarks - general:	
				remarks - this release:	

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<b>TS 04.64</b>	<b>General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification</b>								
R98	current version: 7.5.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis	MOTOROLA GmbH			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-29 25/06/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999	7	.	1	.	0	<a href="#">get it</a>	remarks - this release:	
	SP-06 15/12/1999	7	.	2	.	0	<a href="#">get it</a>		
	smg-31 16/02/2000	7	.	3	.	0	<a href="#">get it</a>		
	NP-10 02/01/2001	7	.	4	.	0	<a href="#">get it</a>		
	NP-14 04/01/2002	7	.	5	.	0	<a href="#">get it</a>		

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<b>TS 04.65</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)</b>								
R98	current version: 7.3.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis	MOTOROLA GmbH			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-29 25/06/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	24.065 existed, but scrapped since 04.65 is GSM only.
	smg-30 11/11/1999	7	.	1	.	0	<a href="#">get it</a>	remarks - this release:	
	post SP-06 15/12/1999	7	.	2	.	0	<a href="#">get it</a>		
	smg-31 16/02/2000	7	.	3	.	0	<a href="#">get it</a>		

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<b>TS 04.67</b>	<b>Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3</b>								
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	MÜNNING, Dirk	DETECON GMBH			
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-29 25/06/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	ETSI publication 12/01/2000	7	.	0	.	1	<a href="#">get it</a>	remarks - this release:	#29: 7.0.0

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<b>TS 04.68</b>	<b>Group Call Control (GCC) Protocol</b>								
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-29 25/06/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999	7	.	1	.	0	<a href="#">get it</a>	remarks - this release:	
	NP-07 15/03/2000	7	.	2	.	0	<a href="#">get it</a>		

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<b>TS 04.69</b>	<b>Broadcast Call Control (BCC) protocol</b>								
R98	current version: 7.2.0			WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting:			G: yes U:	MCC: JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-29 25/06/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999	7	.	1	.	0	<a href="#">get it</a>	remarks - this release:	
	NP-07 15/03/2000	7	.	2	.	0	<a href="#">get it</a>		

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<b>TS 04.71</b>	<b>Location Services (LCS); Mobile radio interface layer 3 specification</b>								
R98	current version: 7.4.0			WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:			G: yes U:	MCC: THOMASEN, Gert				
	history (event, available, version,								
	smg-28 12/02/1999	1	.	0	.	0	<a href="#">get it</a>	remarks - general: Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.	
	smg-29 25/06/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - this release: #28: 1.0.0 #29: 7.0.0 #30b or post-TSG#6: 7.1.1 #32:7.2.0	
	smg-30 bis 15/12/1999	7	.	1	.	1	<a href="#">get it</a>		
	smg-32 28/06/2000	7	.	2	.	0	<a href="#">get it</a>		
	GP-05 18/06/2001	7	.	3	.	0	<a href="#">get it</a>		
	GP-07 08/01/2002	7	.	4	.	0	<a href="#">get it</a>		

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<b>TS 04.72</b>	<b>Call Deflection (CD) Supplementary Service; Stage 3</b>								
R98	current version: 7.0.1			WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-28 12/02/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	ETSI publication 30/10/2001	7	.	0	.	1	<a href="#">get it</a>	remarks - this release: #27: for info #28: 7.0.0	

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<b>TS 04.80</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding</b>								
R98	current version: 7.4.0			WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	ETSI Secretariat			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-28 12/02/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	NP-06 15/12/1999	7	.	1	.	0	<a href="#">get it</a>	remarks - this release:	
	NP-07 15/03/2000	7	.	2	.	0	<a href="#">get it</a>		
	NP-08 21/06/2000	7	.	3	.	0	<a href="#">get it</a>		
	NP-09 28/09/2000	7	.	4	.	0	<a href="#">get it</a>		

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<b>TS 04.81</b>	<b>Line Identification Supplementary Services; Stage 3</b>								
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - general:	
	Publication 12/01/2000						<a href="#">get it</a>	remarks - this release: #29: 7.0.0	
<b>TS 04.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 3</b>								
R98	current version: 7.0.2	WG (prime / other):	N4 / -	rapporteur:	POTHS, Annette	Indicate persons who left Company and wait for new One			
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-28 12/02/1999						<a href="#">get it</a>	remarks - general:	
	<to be defined> 14/12/1999						<a href="#">get it</a>	remarks - this release: #28: 7.0.0	
<b>TS 04.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3</b>								
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain	NORTEL NETWORKS (EUROPE)			
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - general:	
	Publication 12/01/2000						<a href="#">get it</a>	remarks - this release: #29: 7.0.0	
<b>TS 04.84</b>	<b>Multi Party (MPPTY) Supplementary Services; Stage 3</b>								
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND			
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 12/01/2000						<a href="#">get it</a>	remarks - this release: #29: 7.0.0	
<b>TS 04.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 3</b>								
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	VACANT,				
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - general:	
								remarks - this release: #29: 7.0.0	

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## TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R98 current version: 7.0.1  
freeze\_meeting:  
history (event, available, version,  
smg-29 25/06/1999 7 . 0 . 0  
ETSI Publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo ETSI Secretariat  
G: yes U: MCC: KYMALAINEN, Kimmo  
[get it](#) remarks - general:  
[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  
freeze\_meeting:  
history (event, available, version,  
smg-28 12/02/1999 7 . 0 . 0  
ETSI Publication 16/12/1999 7 . 0 . 2

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo ETSI Secretariat  
G: yes U: MCC: KYMALAINEN, Kimmo  
[get it](#) remarks - general:  
[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  
freeze\_meeting:  
history (event, available, version,  
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N4 / - rapporteur: HAMEL, Eric France Telecom  
G: yes U: MCC: KYMALAINEN, Kimmo  
[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  
freeze\_meeting:  
history (event, available, version,  
smg-29 25/06/1999 7 . 0 . 0  
ETSI Publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo ETSI Secretariat  
G: yes U: MCC: KYMALAINEN, Kimmo  
[get it](#) remarks - general:  
[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  
freeze\_meeting:  
history (event, available, version,  
smg-29 25/06/1999 7 . 0 . 0  
ETSI Publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - rapporteur: DZUBAN, Stanislav SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo  
[get it](#) remarks - general:  
[get it](#) remarks - this release: #29: 7.0.0

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**TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3**

R98 *current version: 7.0.0*  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* HÄMÄLÄINEN, Pekka Telefon AB LM Ericsson  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

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**TS 04.96 Name Identification Supplementary Services; Stage 3**

R98 *current version: 7.0.0*  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

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R98 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.01 Physical Layer on the Radio Path (General Description)**

R98 *current version: 7.2.0*  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0  
smg-30 11/11/1999 7 . 1 . 0  
GP-07 04/01/2002 7 . 2 . 0

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*G: yes U:* *MCC:* USAI, Paolino

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

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## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R98 current version: 7.7.0

freeze\_meeting:

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

smg-30 11/11/1999 7 . 2 . 0

smg-30 bis 06/12/1999 7 . 3 . 0

ETSI publication 17/07/2000 7 . 3 . 1

smg-31 16/02/2000 7 . 4 . 0

ETSI publication 29/09/2000 7 . 4 . 1

smg-31 bis 17/04/2000 7 . 5 . 0

ETSI publication 17/10/2000 7 . 5 . 1

GP-02 24/11/2000 7 . 6 . 0

edito 30/11/2000 7 . 6 . 1

edito 20/04/2001 7 . 6 . 2

GP-06 01/10/2001 7 . 7 . 0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

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[get it](#)

## TS 05.03 Channel coding

R98 current version: 7.3.1

freeze\_meeting:

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

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:

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29 25/06/1999 7 . 0 . 0

ETSI publication 20/06/2000 7 . 0 . 1

smg-30 bis 06/12/1999 7 . 1 . 0

ETSI publication 20/06/2000 7 . 1 . 1

GP-03 15/02/2001 7 . 2 . 0

GP-05 29/06/2001 7 . 3 . 0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

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[get it](#)

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## TS 05.05 Radio Transmission and Reception

R98 *current version: 7.7.0*

*freeze\_meeting:*

*history (event, available, version,*

smg-28 12/02/1999 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

ETSI publication 14/12/1999 7 . 1 . 1

smg-30 11/11/1999 7 . 2 . 0

smg-31 16/02/2000 7 . 3 . 0

ETSI publication 15/10/2000 7 . 3 . 1

smg-31 bis 17/04/2000 7 . 4 . 0

GP-01 10/10/2000 7 . 5 . 0

GP-06 01/10/2001 7 . 6 . 0

GP-09 06/05/2002 7 . 7 . 0

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

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

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

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

[get it](#)

[get it](#)

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[get it](#)

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## TS 05.08 Radio Subsystem Link Control

R98 *current version: 7.7.0*

*freeze\_meeting:*

*history (event, available, version,*

smg-25 7 . 0 . 0

smg-29 7 . 1 . 0

smg-30 7 . 2 . 0

smg-30b 7 . 3 . 0

ETSI publication 7 . 3 . 1

smg-31 bis 17/04/2000 7 . 4 . 0

ETSI publication 7 . 4 . 1

GP-01 10/10/2000 7 . 5 . 0

GP-02 24/11/2000 7 . 6 . 0

edito 30/11/2000 7 . 6 . 1

GP-06 01/10/2001 7 . 7 . 0

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

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

VODAFONE Group Plc

*remarks - general:*

*remarks - this release:*

[get it](#)

[get it](#)

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<b>TS 05.09</b>	<b>Link adaptation</b>					
R98	<i>current version: 7.7.0</i>		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i>			Peter Skov		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	smg-28 12/02/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-29 24/06/1999	7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>		
	ETSI publication 16/12/1999	7 . 0 . 2	<a href="#">get it</a>			
	smg-30 11/11/1999	7 . 1 . 0	<a href="#">get it</a>			
	smg-31 16/02/1999	7 . 2 . 0	<a href="#">get it</a>			
	ETSI publication 05/10/2000	7 . 2 . 1	<a href="#">get it</a>			
	smg-32 28/06/2000	7 . 3 . 0	<a href="#">get it</a>			
	GP-02 01/09/2000	7 . 4 . 0	<a href="#">get it</a>			
	GP-03 15/02/2001	7 . 5 . 0	<a href="#">get it</a>			
	remove revision 31/07/2001	7 . 5 . 1	<a href="#">get it</a>			
	marks					
	GP-06 01/10/2001	7 . 6 . 0	<a href="#">get it</a>			
	GP-07 04/01/2002	7 . 7 . 0	<a href="#">get it</a>			
<b>TS 05.10</b>	<b>Radio subsystem synchronization</b>					
R98	<i>current version: 7.4.0</i>		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES	
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-26 26/06/1998	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-29 25/06/1999	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> GERAN#2:7.4.0		
	ETSI publication 14/12/1999	7 . 1 . 1	<a href="#">get it</a>			
	smg-30 11/11/1999	7 . 2 . 0	<a href="#">get it</a>			
	smg-31 bis 17/04/2000	7 . 3 . 0	<a href="#">get it</a>			
	ETSI publication 17/10/2000	7 . 3 . 1	<a href="#">get it</a>			
	GP-02 24/11/2000	7 . 4 . 0	<a href="#">get it</a>			
<b>TR 05.14</b>	<b>Release independent frequency bands; Implementation guidelines</b>					
R98	<i>current version: 7.1.0</i>		<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> KANGAS, Antti	NOKIA Corporation	
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-02 05/01/2001	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.		
	GP-05 29/06/2001	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.		
Changed from G2 to G1 at same time.						
GERAN#2:7.0.0						

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<b>TR 05.22</b>	<b>Radio link management in hierarchical networks</b>					
R98	current version: 7.0.0	WG (prime / other):	G1 / -	rapporteur:	VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
history (event, available, version,	Upgrade to 30/03/2000			<a href="#">get it</a>	remarks - general:	
	Release 98				remarks - this release:	.
<hr/>						
<b>TR 05.50</b>	<b>Background for RF Requirements</b>					
R98	current version: 7.4.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:	G: yes U:		MCC:	Peter Skov	
history (event, available, version,					USAI, Paolino	
	smg-26 26/06/1998			<a href="#">get it</a>	remarks - general:	
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - this release:	#26: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0 #31b:7.4.0
	smg-30 11/11/1999			<a href="#">get it</a>		
	smg-31 16/02/2000			<a href="#">get it</a>		
	smg-31 bis 17/04/2000			<a href="#">get it</a>		
<hr/>						
<b>TS 05.56</b>	<b>CTS-FP Radio Sub-system</b>					
R98	current version: 7.1.1	WG (prime / other):	G1 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
history (event, available, version,						
	smg-28 12/02/1999			<a href="#">get it</a>	remarks - general:	
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - this release:	#28: 7.0.0 #29: 7.1.0
	ETSI Publication 05/09/2000			<a href="#">get it</a>		
<hr/>						
<b>TR 05.90</b>	<b>GSM Electromagnetic Compatibility (EMC) considerations</b>					
R98	current version: 7.0.0	WG (prime / other):	G1 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino	
history (event, available, version,						
	upgrade to R98 10/04/2001			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	2001-01-31: Record created on request of GERAN convenor. No R99 required tho.

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R98

06 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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[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	current version: 7.0.2	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-28 12/02/1999						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 14/12/1999						<a href="#">get it</a>	remarks - this release: #28: 7.0.0	
	7 . 0 . 0								
	7 . 0 . 2								
<b>TS 06.02</b>	<b>Half Rate Speech Processing Functions</b>								
R98	current version: 7.0.2	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-28 12/02/1999						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 14/12/1999						<a href="#">get it</a>	remarks - this release: #28: 7.0.0	
	7 . 0 . 0								
	7 . 0 . 2								
<b>TS 06.06</b>	<b>Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 20/01/2000						<a href="#">get it</a>	remarks - this release: #29: 7.0.0	
	7 . 0 . 0								
	7 . 0 . 1								
<b>TS 06.07</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 20/01/2000						<a href="#">get it</a>	remarks - this release: #29: 7.0.0	
	7 . 0 . 0								
	7 . 0 . 1								
<b>TR 06.08</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>								
R98	current version: 7.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999						<a href="#">get it</a>	remarks - general:	
								remarks - this release: #29: 7.0.0	
	7 . 0 . 0								

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<b>TS 06.10</b>	<b>Full Rate Speech Transcoding</b>						
R98	current version: 7.2.0	WG (prime / other):	S4 / -	rapporteur:	LORENZ, Dietmar	PHILIPS Semiconductors	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-28 12/02/1999			<a href="#">get it</a>	remarks - general:		
	ETSI OAP 28/07/1999			<a href="#">get it</a>	remarks - this release:		
	ETSI publication 14/12/1999			<a href="#">get it</a>			
	inclusion of zip files			<a href="#">get it</a>			
	inclusion of doc file (!)			<a href="#">get it</a>			
	smg-32 20/06/2000			<a href="#">get it</a>			
	SP-12 29/06/2001			<a href="#">get it</a>			
<b>TS 06.11</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>						
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - general:		
	ETSI Publication 29/12/1999			<a href="#">get it</a>	remarks - this release: #29: 7.0.0		
<b>TS 06.12</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>						
R98	current version: 7.1.0	WG (prime / other):	S4 / -	rapporteur:	SERENO, Daniele	TELECOM ITALIA S.p.A.	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - general:		
	ETSI Publication 12/01/2000			<a href="#">get it</a>	remarks - this release: #29: 7.0.0		
	SP-12 29/06/2001			<a href="#">get it</a>			
<b>TS 06.20</b>	<b>Half Rate Speech Transcoding</b>						
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - general:		
	ETSI publication 17/01/2000			<a href="#">get it</a>	remarks - this release: #29: 7.0.0		

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<b>TS 06.21</b>	<b>Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	ETSI publication 17/01/2000	7	. 0	. 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0			
<b>TS 06.22</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	ETSI Publication 20/01/2000	7	. 0	. 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0			
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	ETSI Publication 12/01/2000	7	. 0	. 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0			
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	ETSI Publication 13/01/2000	7	. 0	. 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0			
<b>TS 06.41</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	ETSI Publication 20/01/2000	7	. 0	. 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0			

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<b>TS 06.42</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul			Indicate persons who left Company and wait for new One	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999					<a href="#">get it</a>	remarks - general:		
	ETSI Publication 20/01/2000					<a href="#">get it</a>	remarks - this release: #29: 7.0.0		
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<hr/>									
<b>TS 06.51</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>								
R98	current version: 7.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari			NOKIA Corporation	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-28 12/02/1999					<a href="#">get it</a>	remarks - general:		
	smg-29 25/06/1999					<a href="#">get it</a>	remarks - this release: #28: 7.0.0 #32:7.1.0 TSG#10:7.2.0		
	smg-32 20/06/2000					<a href="#">get it</a>			
	ETSI publication 30/11/2000					<a href="#">get it</a>			
	SP-10 20/12/2000					<a href="#">get it</a>			
	7 . 0 . 0								
	7 . 0 . 1								
	7 . 1 . 0								
	7 . 1 . 1								
	7 . 2 . 0								
<hr/>									
<b>TS 06.53</b>	<b>ANSI-C code for the GSM Enhanced full rate speech codec</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari			NOKIA Corporation	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999					<a href="#">get it</a>	remarks - general:		
	ETSI Publication 12/01/2000					<a href="#">get it</a>	remarks - this release: #29: 7.0.0		
	7 . 0 . 0								
	7 . 0 . 1								
<hr/>									
<b>TS 06.54</b>	<b>Test sequences for the GSM Enhanced Full Rate (EFR)</b>								
R98	current version: 7.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari			NOKIA Corporation	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999					<a href="#">get it</a>	remarks - general:		
	ETSI publication 12/01/2000					<a href="#">get it</a>	remarks - this release: #29: 7.0.0 #32:7.1.0 TSG#10:7.2.0		
	SP-10 20/12/2000					<a href="#">get it</a>			
	7 . 0 . 0								
	7 . 0 . 1								
	7 . 2 . 0								

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<b>TR 06.55</b>	<b>Performance characterisation of the GSM EFR Speech Codec</b>					
R98	current version: 7.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release: #29: 7.0.0		
<hr/>						
<b>TS 06.60</b>	<b>Enhanced full rate speech transcoding</b>					
R98	current version: 7.0.2	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	ETSI Publication 13/12/1999 7 . 0 . 2	<a href="#">get it</a>		remarks - this release: #28: 7.0.0		
<hr/>						
<b>TS 06.61</b>	<b>Substitution and muting of lost frames for enhanced full rate speech traffic channels</b>					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	ETSI Publication 12/01/2000 7 . 0 . 1	<a href="#">get it</a>		remarks - this release: #29: 7.0.0		
<hr/>						
<b>TS 06.62</b>	<b>Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels</b>					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	ETSI Publication 12/01/2000 7 . 0 . 1	<a href="#">get it</a>		remarks - this release: #29: 7.0.0		
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<b>TS 06.71</b>	<b>Adaptive Multi-Rate speech processing functions; General description</b>					
R98	current version: 7.0.2	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general: SMG11->S4 at SMG#30		
	ETSI Publication 16/12/1999 7 . 0 . 2	<a href="#">get it</a>		remarks - this release: #28: 7.0.0		

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<b>TS 06.73</b>	<b>Adaptive Multi Rate (AMR) speech; ANSI-C code for the AMR speech codec</b>					
R98	current version: 7.6.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-28 12/02/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:	SMG11->S4 at SMG#30	
	smg-29 25/06/1999	7 . 1 . 0	<a href="#">get it</a>	remarks - this release:	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0.0 TSG#7: 7.4.0 TSG#11:7.5.0	
	smg-30 11/11/1999	7 . 2 . 0	<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>			

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<b>TS 06.74</b>	<b>Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec</b>					
R98	current version: 7.3.0	WG (prime / other):	S4 / -	rapporteur:	EKUDDEN, Erik	Telefon AB LM Ericsson
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-28 12/02/1999	2 . 0 . 0	<a href="#">get it</a>	remarks - general:	SMG11->S4 at SMG#30	
	SP-06 17/12/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - this release:		
	corrected test 04/02/2000	7 . 0 . 1	<a href="#">get it</a>			
	vectors					
	corrected test 14/09/2000	7 . 0 . 2	<a href="#">get it</a>			
	vectors					
	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	7 . 3 . 0				

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<b>TR 06.75</b>	<b>AMR performance characterization</b>					
R98	current version: 7.2.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999	1 . 0 . 0	<a href="#">get it</a>	remarks - general:	SMG11->S4 at SMG#30	
	smg-30 11/11/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - this release:	SMG#29 1.0.0 for information SMG#30: 7.0.0 SA#6: 7.1.0. TSG#7: 7.2.0	
	SP-06 17/12/1999	7 . 1 . 0	<a href="#">get it</a>			
	SP-07 17/03/2000	7 . 2 . 0	<a href="#">get it</a>			

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<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		ETSI Secretariat	
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>						
	smg-31 16/02/2000	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> New at SMG#31. Then became 06.77; new 06.76 has new title.		
	SP-07	2 . 0 . 0	SP-000023		<i>remarks - this release:</i>		
	SP-07 17/03/2000	7 . 0 . 0		<a href="#">get it</a>			
	fix invisible 10/01/2002	7 . 0 . 1		<a href="#">get it</a>			
	refix invisible 15/01/2002	7 . 0 . 2		<a href="#">get it</a>			
	figures						
<hr/>							
<b>TS 06.81</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>						
R98	<i>current version:</i> 7.1.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>						
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-30 11/11/1999	7 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #29: 7.0.0 #30: 7.1.0		
	ETSI Publication 09/05/2000	7 . 1 . 1		<a href="#">get it</a>			
<hr/>							
<b>TS 06.82</b>	<b>Voice Activity Detection (VAD) for enhanced full rate speech traffic channels</b>						
R98	<i>current version:</i> 7.0.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>						
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI Publication 12/01/2000	7 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i> #29: 7.0.0		
<hr/>							
<b>TR 06.85</b>	<b>Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation</b>						
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		ETSI Secretariat	
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>						
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
					<i>remarks - this release:</i> #29: 7.0.0		

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<b>TS 06.90</b>	<b>Adaptive Multi-Rate speech transcoding</b>						
R98	current version: 7.2.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:	SMG11->S4 at SMG#30	
	smg-29 25/06/1999	7 . 1 . 0		<a href="#">get it</a>	remarks - this release:	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0	
	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>			

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<b>TS 06.91</b>	<b>Substitution and muting of lost frames for AMR speech traffic channels</b>						
R98	current version: 7.1.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:	SMG11->S4 at SMG#30	
	smg-30 11/11/1999	7 . 1 . 0		<a href="#">get it</a>	remarks - this release:	#28: 7.0.0 #30: 7.1.0	
	ETSI Publication 09/05/2000	7 . 1 . 1		<a href="#">get it</a>			

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<b>TS 06.92</b>	<b>Comfort noise aspects for Adaptive Multi-Rate speech traffic channels</b>						
R98	current version: 7.1.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:	SMG11->S4 at SMG#30	
	smg-29 25/06/1999	7 . 1 . 0		<a href="#">get it</a>	remarks - this release:	#28: 7.0.0 #29: 7.1.0	
	ETSI Publication 17/12/1999	7 . 1 . 1		<a href="#">get it</a>			

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<b>TS 06.93</b>	<b>Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels</b>						
R98	current version: 7.5.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:	SMG11->S4 at SMG#30	
	smg-29 25/06/1999	7 . 1 . 0		<a href="#">get it</a>	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		<a href="#">get it</a>			
	SP-06 17/12/1999	7 . 3 . 0		<a href="#">get it</a>			
	ETSI publication 21/03/2001	7 . 3 . 1		<a href="#">get it</a>			
	SP-08 28/06/2000	7 . 4 . 0		<a href="#">get it</a>			
	ETSI publication 30/11/2000	7 . 4 . 1		<a href="#">get it</a>			
	SP-10 21/12/2000	7 . 5 . 0		<a href="#">get it</a>			

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**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 ETSI Secretariat  
*freeze\_meeting:* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0  
ETSI Publication 22/12/1999 7 . 1 . 1 [get it](#)

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R98 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**

R98 *current version: 7.1.1* WG (prime / other): N3 / - rapporteur: WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: MCC: BOSWARTHICK, David  
*history (event, available, version,*  
smg-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  
ETSI Publication 10/08/1999 7 . 1 . 1 [get it](#)

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**TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities**

R98 *current version: 7.0.1* WG (prime / other): N3 / - rapporteur: WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: MCC: BOSWARTHICK, David  
*history (event, available, version,*  
smg-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

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**TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities**

R98 *current version: 7.0.0* WG (prime / other): N3 / - rapporteur: WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: MCC: BOSWARTHICK, David  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #29: 7.0.0

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**TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)**

R98 *current version:* 7.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:* #28: 7.0.0

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**TS 07.07 AT Command set for GSM Mobile Equipment (ME)**

R98 *current version:* 7.7.0 *WG (prime / other):* T2 / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-08 *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-27 16/10/1998 7 . 1 . 0 [get it](#) *remarks - this release:*  
smg-28 12/02/1999 7 . 2 . 0 [get it](#)  
smg-29 25/06/1999 7 . 3 . 0 [get it](#)  
TP-05 13/10/1999 7 . 4 . 0 [get it](#)  
TP-06 15/12/1999 7 . 5 . 0 [get it](#)  
TP-11 06/04/2001 7 . 6 . 0 [get it](#)  
TP-14 11/01/2002 7 . 7 . 0 [get it](#)

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**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:* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
TP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
TP-15 26/03/2002 7 . 2 . 0 [get it](#)

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**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:* *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
NP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #29: 7.0.0 TSG#5: 7.1.0 TSG#11:7.2.0  
NP-11 04/04/2001 7 . 2 . 0 [get it](#)

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R98 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

<b>TS 08.01</b>	<b>General Aspects on the BSS-MSC Interface</b>					
R98	current version: 7.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: remarks - this release: #29: 7.0.0	
<b>TS 08.02</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles</b>					
R98	current version: 7.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: remarks - this release: #29: 7.0.0	
<b>TS 08.04</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>					
R98	current version: 7.0.1 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 ETSI Publication 17/08/1999 7 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: #28: 7.0.0	
<b>TS 08.06</b>	<b>Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface</b>					
R98	current version: 7.0.1 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 ETSI Publication 17/08/1999 7 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: #28: 7.0.0	

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## TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R98 *current version: 7.7.0* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
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 . 2 . 0 [get it](#)  
smg-30 11/11/1999 7 . 3 . 0 [get it](#)  
smg-30 bis 06/12/1999 7 . 4 . 0 [get it](#)  
smg-31 bis 17/04/2000 7 . 5 . 0 [get it](#)  
smg-31 16/02/2000 7 . 5 . 0 [get it](#)  
smg-32 20/06/2000 7 . 6 . 0 [get it](#)  
edito 14/09/2000 7 . 6 . 1 [get it](#)  
GP-01 11/10/2000 7 . 7 . 0 [get it](#)

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## TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

R98 *current version: 7.0.1* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 30/08/1999 7 . 0 . 1 [get it](#) *remarks - this release: #28: 7.0.0*

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## TS 08.16 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service

R98 *current version: 7.1.0* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*

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<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	current version: 7.5.0	WG (prime / other):	G2 / -	rapporteur:	BLACK, Jyoti	MOTOROLA	
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert		
history (event, available, version,							
smg-29	25/06/1999	7	.	0	.	0	<a href="#">get it</a> remarks - general:
smg-30	11/11/1999	7	.	1	.	0	<a href="#">get it</a> remarks - this release:
smg-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>

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<b>TS 08.20</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>						
R98	current version: 7.1.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation	
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David		
history (event, available, version,							
smg-27	16/10/1998	7	.	0	.	0	<a href="#">get it</a> remarks - general:
smg-29	25/06/1999	7	.	0	.	1	<a href="#">get it</a> remarks - this release:
NP-11	04/04/2001	7	.	1	.	0	<a href="#">get it</a>

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<b>TS 08.31</b>	<b>Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification</b>						
R98	current version: 7.1.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov THOMASEN, Gert		
history (event, available, version,							
smg-30 bis	06/12/1999	7	.	0	.	1	<a href="#">get it</a> remarks - general:
GP-05	18/06/2001	7	.	1	.	0	<a href="#">get it</a> remarks - this release: #30 info #30b:7.0.1

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<b>TS 08.51</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>						
R98	current version: 7.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov THOMASEN, Gert		
history (event, available, version,							
smg-29	25/06/1999	7	.	0	.	0	<a href="#">get it</a> remarks - general:
							remarks - this release: #29: 7.0.0

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<b>TS 08.52</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles</b>					
R98	current version: 7.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:	#29: 7.0.0	
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<b>TS 08.54</b>	<b>BSC-BTS Layer 1; Structure of Physical Circuits</b>					
R98	current version: 7.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:	#29: 7.0.0	
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<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>					
R98	current version: 7.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:	#29: 7.0.0	
<hr/>						
<b>TS 08.58</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification</b>					
R98	current version: 7.4.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-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:	#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>				

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<b>TS 08.60</b>	<b>In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels</b>						
R98	current version: 7.3.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:				Peter Skov		
		G: yes	U:	MCC:	USAI, Paolino		
history (event, available, version,							
smg-29	25/06/2000	7	. 0 . 0	<a href="#">get it</a>	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary)	Ownership change G2 -> G1.
smg-30	11/11/1999	7	. 1 . 0	<a href="#">get it</a>	remarks - this release:		
smg-30 bis	06/12/1999	7	. 2 . 0	<a href="#">get it</a>			
ETSI publication	07/09/2000	7	. 2 . 1	<a href="#">get it</a>			
GP-08	19/02/2002	7	. 3 . 0	<a href="#">get it</a>			

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<b>TS 08.61</b>	<b>In-band control of remote transcoders and rate adaptors for half rate traffic channels</b>						
R98	current version: 7.3.0	WG (prime / other):	G1 / NP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:				Peter Skov		
		G: yes	U:	MCC:	USAI, Paolino		
history (event, available, version,							
smg-29	25/06/1999	7	. 0 . 0	<a href="#">get it</a>	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary)	Ownership change G2 -> G1.
smg-30	11/11/1999	7	. 1 . 0	<a href="#">get it</a>	remarks - this release:		
smg-30 bis	06/12/1999	7	. 2 . 0	<a href="#">get it</a>			
Edito	15/12/1999	7	. 2 . 1	<a href="#">get it</a>			
GP-08	19/02/2002	7	. 3 . 0	<a href="#">get it</a>			

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<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	ETSI Secretariat	
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino		
history (event, available, version,							
smg-28	12/02/1999	7	. 0 . 0	<a href="#">get it</a>	remarks - general:	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>			

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[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.71 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3**

R98 *current version: 7.6.0* WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert

*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 bis 06/12/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
edito 31/12/1999 7 . 1 . 1 [get it](#)  
smg-31 16/02/2000 7 . 2 . 0 [get it](#)  
smg-31 bis 17/04/2000 7 . 3 . 0 [get it](#)  
GP-02 30/11/2000 7 . 4 . 0 [get it](#)  
GP-06 14/09/2001 7 . 5 . 0 [get it](#)  
GP-07 08/01/2002 7 . 6 . 0 [get it](#)

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R98 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TR 09.01 General Network Interworking Scenarios**

R98 *current version: 7.0.0* WG (prime / other): N4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: MCC: KYMALAINEN, Kimmo

*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

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<b>TS 09.02</b>	<b>Mobile Application Part (MAP) Specification</b>								
R98	<i>current version:</i> 7.11.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David		VODAFONE LTD		
	<i>freeze_meeting:</i>				Chalmers				
	<i>history (event, available, version,</i>			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> CN->N4 Apr00 (JMM)				
	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 13/12/1999	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>					
	edito 04/09/2000	7 . 5 . 1		<a href="#">get it</a>					
	NP-09 08/11/2000	7 . 6 . 0		<a href="#">get it</a>					
	NP-10 21/12/2000	7 . 7 . 0		<a href="#">get it</a>					
	NP-11 06/04/2001	7 . 8 . 0		<a href="#">get it</a>					
	NP-12 06/07/2001	7 . 9 . 0		<a href="#">get it</a>					
	NP-14 18/01/2002	7 . 10 . 0		<a href="#">get it</a>					
	NP-15 04/04/2002	7 . 11 . 0		<a href="#">get it</a>					

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<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>								
R98	<i>current version:</i> <b>Network (PLMN)</b>	7.0.0		<i>WG (prime / other):</i> N3		/-	<i>rapporteur:</i> BOSWARTHICK, David		
	ETSI Secretariat								
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-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				

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<b>TS 09.04</b>	<b>Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)</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>			<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> N3: "no R99 needed".				
					<i>remarks - this release:</i> #29: 7.0.0				

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<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>								
R98	current version: 7.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0						<a href="#">get it</a>	remarks - general:	N3: "no R99 needed".
								remarks - this release:	#29: 7.0.0
<hr/>									
<b>TS 09.06</b>	<b>Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet</b>								
R98	current version: Switched Data Transmission Services	7.0.0	WG (prime / other):	N3	/-	rapporteur:	BOSWARTHICK, David		
	ETSI Secretariat								
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0						<a href="#">get it</a>	remarks - general:	N3: "no R99 needed".
								remarks - this release:	#29: 7.0.0
<hr/>									
<b>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone</b>								
R98	current version: Network (PSTN)	7.2.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
	SIEMENS AG								
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 7 . 0 . 0						<a href="#">get it</a>	remarks - general:	
	smg-28 12/02/1999 7 . 1 . 0						<a href="#">get it</a>	remarks - this release:	#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	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	JUKIC, Zdravko	Telefon AB LM Ericsson			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0						<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999 7 . 1 . 0						<a href="#">get it</a>	remarks - this release:	#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>		

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**TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling**  
R98 *current version: Procedures and the Mobile Application Part (MAP)* 7.2.0WG (prime / other): N4 / - rapporteur: VACANT,

*freeze\_meeting:* G: yes U: MCC: KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
NP-06 15/12/1999 7 . 1 . 0 [get it](#) *remarks - this release: #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0*  
NP-11 04/04/2001 7 . 2 . 0 [get it](#)

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**TS 09.11 Signalling Interworking for Supplementary Services**

R98 *current version: 7.0.1* WG (prime / other): N4 / - rapporteur: HAMEL, Eric France Telecom  
*freeze\_meeting:* G: yes U: MCC: KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 12/03/1999 7 . 0 . 1 [get it](#) *remarks - this release: #28: 7.0.0*

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**TS 09.13 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**

R98 *current version: 7.0.0* WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil mm02 plc  
*freeze\_meeting:* G: yes U: MCC: KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**TS 09.14 Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling**

R98 *current version: 7.0.2* WG (prime / other): SPA / N4 rapporteur: SPORTON, Simon VODAFONE Group Plc  
*freeze\_meeting:* G: yes U: MCC:  
*history (event, available, version,*  
SPS approval 30/06/1999 7 . 0 . 1 [get it](#) *remarks - general: EN 302 646*  
ETSI publication 26/09/2000 7 . 0 . 2 [get it](#) *remarks - this release: (SPAN1)*

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**TS 09.16 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification**

R98 *current version: 7.0.1* WG (prime / other): N1 / - rapporteur: MILLS, Duncan VODAFONE Group Plc  
*freeze\_meeting:* G: yes U: MCC: JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

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**TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification**  
R98 *current version: 7.5.0* WG (prime / other): N1 / - rapporteur: MILLS, Duncan VODAFONE Group Plc  
*freeze\_meeting:* G: yes U: MCC: JORGENSEN, Per Johan

*history (event, available, version,*

smg-28	12/02/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:
smg-29	25/06/1999	7	.	1	.	0	<a href="#">get it</a>	remarks - this release:
NP-05	08/10/1999	7	.	2	.	0	<a href="#">get it</a>	
NP-07	15/03/2000	7	.	3	.	0	<a href="#">get it</a>	
NP-13	02/10/2001	7	.	4	.	0	<a href="#">get it</a>	
NP-14	04/01/2002	7	.	5	.	0	<a href="#">get it</a>	

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**TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)**  
R98 *current version: 7.6.0* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert

*history (event, available, version,*

smg-30 bis	06/12/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:
smg-31	16/02/2000	7	.	1	.	0	<a href="#">get it</a>	remarks - this release:
smg-31b	17/04/2000	7	.	2	.	0	<a href="#">get it</a>	
smg-32	28/06/2000	7	.	3	.	0	<a href="#">get it</a>	
GP-01	11/10/2000	7	.	4	.	0	<a href="#">get it</a>	
ETSI publication		7	.	4	.	1		ETSI format only. Not for 3GPP use.
GP-06	18/09/2001	7	.	5	.	0	<a href="#">get it</a>	
GP-07	08/01/2002	7	.	6	.	0	<a href="#">get it</a>	

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<b>TS 09.60</b>	<b>General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface</b>					
R98	current version: 7.9.0	WG (prime / other): N4 / -	rapporteur: YOUNG, Michael	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-28 12/02/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-29 25/06/1999	7 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
	NP-05 08/10/1999	7 . 2 . 0	<a href="#">get it</a>			
	NP-06 15/12/1999	7 . 3 . 0	<a href="#">get it</a>			
	NP-07 15/03/2000	7 . 4 . 0	<a href="#">get it</a>			
	NP-08 21/06/2000	7 . 5 . 0	<a href="#">get it</a>			
	NP-09 31/10/2000	7 . 6 . 0	<a href="#">get it</a>			
	NP-11 02/04/2001	7 . 7 . 0	<a href="#">get it</a>			
	edito 04/07/2001	7 . 7 . 1	<a href="#">get it</a>	prob with figures. Expect an update.		
	make figures visible	09/08/2001	<a href="#">get it</a>	7 . 7 . 2		
	NP-13 03/10/2001	7 . 8 . 0	<a href="#">get it</a>			
	NP-16	7 . 9 . 0				
<b>TS 09.61</b>	<b>General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)</b>					
R98	current version: 7.7.0	WG (prime / other): N3 / -	rapporteur: WILD, Johanna	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version,					
	smg-28 12/02/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-29 25/06/1999	7 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
	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	7 . 7 . 0				
<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:	G: yes U:	MCC: JURISIC, Andrijana			
	history (event, available, version,					
	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: #29: 7.0.0 TSG#8:7.1.0		

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**TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**  
R98 *current version: 7.0.0* WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* tbd G: yes U: *MCC:* JORGENSEN, Per Johan

*history (event, available, version, NP-16 7 . 0 . 0*

*remarks - general:*  
*remarks - this release:* 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.

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**TR 09.95 Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles**  
R98 *current version: 7.2.0* WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-04 G: yes U: *MCC:* USAI, Paolino

*history (event, available, version, GP-04 20/04/2001 7 . 0 . 0*  
*GP-07 04/01/2002 7 . 1 . 0*  
*GP-08 19/02/2002 7 . 2 . 0*

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

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R98 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TS 10.00 Digital Cellular Telecommunication System Feature Description**  
R98 *current version: 7.1.0* WG (prime / other): S2 / - *rapporteur:* BERGMANN, Ansgar ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* SULTAN, Alain

*history (event, available, version, smg-27 16/10/1998 7 . 1 . 0*

[get it](#) *remarks - general:*  
*remarks - this release:* #27: 7D1.0

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**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:* G: yes U: *MCC:* SULTAN, Alain

*history (event, available, version, draft 28/08/1998 2 . 0 . 1*  
*smg-27 09/02/2000 7 . 0 . 0*

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

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**TS 10.70 GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR**  
R98 *current version:* 0.2.1 DRAFT *WG (prime / other):* S4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-27 16/10/1998 0 . 0 . 1 [get it](#) *remarks - general:*  
smg-28 12/02/1999 0 . 2 . 0 [get it](#) *remarks - this release:*  
draft 05/02/1999 0 . 2 . 1 [get it](#)

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R98 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification**  
R98 *current version:* 7.3.0 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia ETSI Secretariat  
*freeze\_meeting:* NP /  
T2 /  
SCP  
/ G4  
G: yes U: MCC: SALMERON, Lidia  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently  
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #31bis: closed (R99 version serves all releases). GP-06: Rel-4 serves all releases.  
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.  
smg-31 16/02/2000 7 . 2 . 0 [get it](#)  
editorial correction 16/02/2000 7 . 2 . 1 [get it](#)  
GP-06 06/09/2001 7 . 3 . 0 [get it](#)

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## 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,*

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-30	11/11/1999	7	.	4	.	0	<a href="#">get it</a>	
smg-31	16/02/2000	7	.	5	.	0	<a href="#">get it</a>	
smg-32	28/06/2000	7	.	6	.	0	<a href="#">get it</a>	
edito	24/07/2000	7	.	6	.	1	<a href="#">get it</a>	
TP-14	17/01/2002	7	.	7	.	0	<a href="#">get it</a>	

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## TS 11.13 Test specification for SIM API for Java card

R98 *current version: 7.4.1* WG (prime / other): T3 / - rapporteur: LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.  
*freeze\_meeting: SP-11* G: yes U: MCC: DIETZE, Claus

*history (event, available, version,*

TP-10	11/01/2001	1	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
TP-11	16/05/2001	7	.	0	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
edito	28/05/2001	7	.	0	.	1	<a href="#">get it</a>	late delivery due to very poor initial formatting 7.0.0. had wrong date on cover page / header
TP-12	12/07/2001	7	.	1	.	0	<a href="#">get it</a>	
TP-13	12/10/2001	7	.	2	.	0	<a href="#">get it</a>	
TP-14	01/02/2002	7	.	3	.	0	<a href="#">get it</a>	
TP-15	04/04/2002	7	.	4	.	0	<a href="#">get it</a>	
edito post TP-15	12/04/2002	7	.	4	.	1	<a href="#">get it</a>	adds missing annex attachments

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[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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<b>TS 11.14</b>	<b>Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface</b>					
R98	<i>current version:</i> 7.7.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	ASPECTS Software Ltd		
	<i>freeze_meeting:</i>	G: yes U:	MCC: DIETZE, Claus			
	<i>history (event, available, version,</i>					
	smg-26 26/06/1998	7 . 0 . 0	<a href="#">get it</a>	<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>			

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<b>TS 11.17</b>	<b>SIM test specification</b>					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BREMNER, David	ASPECTS Software Ltd		
	<i>freeze_meeting:</i>	G: yes U:	MCC: DIETZE, Claus			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI Publication 14/12/1999	7 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release: #28: 7.0.0</i>		

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<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:</i> 7.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LINDHOLM, Rune	NOKIA MOBILE PHONES		
	<i>freeze_meeting:</i>	G: yes U:	MCC: DIETZE, Claus			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-28 12/02/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release: #25: 1.0.0 #28: 7.0.0</i>		
	ETSI Publication 17/08/1999	7 . 0 . 1	<a href="#">get it</a>			

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<b>TS 11.19</b>	<b>CTS SIM Fixed Part</b>					
R98	<i>current version:</i> 7.0.3	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> HUBBE, Pascal	Alcatel Business Systems		
	<i>freeze_meeting:</i>	G: yes U:	MCC: DIETZE, Claus			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI Publication 05/09/2000	7 . 0 . 3	<a href="#">get it</a>	<i>remarks - this release: #28: 7.0.0</i>		

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**TS 11.21 Base Station System (BSS) equipment specification; Radio aspects**

R98 *current version: 7.2.1* WG (prime / other): G3 / - rapporteur: VACANT,  
*freeze\_meeting:* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
smg-30 11/11/1999 7 . 2 . 0 [get it](#)  
ETSI Publication 09/05/2000 7 . 2 . 1 [get it](#)

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**TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters**

R98 *current version: 7.0.0* WG (prime / other): G3 / - rapporteur: VACANT,  
*freeze\_meeting:* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
GP-09 06/05/2002 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* GP-09 (Usai) created to fill the Release gap.

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R98 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.03 Security Management**

R98 *current version: 7.0.1* WG (prime / other): S5 / S1 / rapporteur: TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* NP  
G: yes U: MCC: ZOICAS, Adrian  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

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**TS 12.04 Performance data measurements**

R98 *current version: 7.0.0* WG (prime / other): S5 / S1 / rapporteur: NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* NP  
G: yes U: MCC: ZOICAS, Adrian  
*history (event, available, version,*  
smg-30 11/11/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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<b>TS 12.05</b>	<b>Subscriber Related Call and Event Data</b>								
R98	current version: 7.0.1			WG (prime / other): S5 / S1	rapporteur: BENDER, James	Nortel Networks (USA)			
	freeze_meeting:			G: yes U:	MCC: ZOICAS, Adrian				
	history (event, available, version,								
	smg-28 12/02/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	ETSI Publication 17/08/1999	7	.	0	.	1	<a href="#">get it</a>	remarks - this release:	
<hr/>									
<b>TS 12.15</b>	<b>General Packet Radio Service (GPRS); GPRS Charging</b>								
R98	current version: 7.6.0			WG (prime / other): S5 / -	rapporteur: LEHNERT, Matthias	ALCATEL S.A.			
	freeze_meeting:			G: yes U:	MCC: ZOICAS, Adrian				
	history (event, available, version,								
	smg-27 16/10/1998	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: #27: 7.0.0 #28: 7.1.0 #29: 7.2.0 #30: 7.3.0 S#6: 7.4.0. TSG#7: 7.5.0 TSG#8:7.6.0	
	smg-29 25/06/1999	7	.	2	.	0	<a href="#">get it</a>		
	smg-30 11/11/1999	7	.	3	.	0	<a href="#">get it</a>		
	SP-06	7	.	4	.	0			
	SP-07 15/03/2000	7	.	5	.	0	<a href="#">get it</a>		
	SP-08 21/06/2000	7	.	6	.	0	<a href="#">get it</a>		
<hr/>									
<b>TS 12.21</b>	<b>Network Management (NM) procedures and messages on the A-bis interface</b>								
R98	current version: 7.0.0			WG (prime / other): G3 / S5	rapporteur: TRUSS, Michael	MOTOROLA Ltd			
	freeze_meeting:			G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,								
	GP-09 06/05/2002	7	.	0	.	0	<a href="#">get it</a>	remarks - general: SP-13: S5->G3 but no change of rapporteur.	
								remarks - this release: GP-09 (Usai) created to fill the Release gap.	

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[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.71 Location Services (LCS); Location services management

R98 *current version:* 7.0.1  
*freeze\_meeting:*  
*history (event, available, version,*  
draft 22/09/1999 0 . 0 . 1 [get it](#) *remarks - general:* TSG#11:S5 will no longer maintain.  
draft 18/10/1999 0 . 0 . 2 [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.  
draft 03/12/1999 0 . 0 . 3 [get it](#)  
draft 22/12/1999 0 . 0 . 4 [get it](#)  
draft 17/01/2000 0 . 0 . 5 [get it](#)  
draft 22/05/2000 2 . 0 . 0 [get it](#)  
draft 25/05/2000 2 . 0 . 1 [get it](#)  
SP-08 21/06/2000 7 . 0 . 0 [get it](#)  
ETSI Publication 30/11/2000 7 . 0 . 1 [get it](#)

WG (prime / other): S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
G: yes U: *MCC:* ZOICAS, Adrian

## R97

R97 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)

R97 *current version:* 6.0.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-27 12/01/2001 6 . 0 . 0 [get it](#) *remarks - general:*  
edito 16/01/2001 6 . 0 . 1 [get it](#) *remarks - this release:*

WG (prime / other): S1 / GP / NP *rapporteur:* JORGENSEN, Niels H. TDC TELE DANMARK A/S  
G: yes U: *MCC:* CLAYTON, Michael

## TR 01.04 Abbreviations and acronyms

R97 *current version:* 6.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-27 15/11/2000 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

WG (prime / other): GP / - *rapporteur:* CLAYTON, Michael ETSI Secretariat  
G: yes U: *MCC:* USAI, Paolino

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Server ACTIVE specs R97 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TS 01.48 ISDN-based DECT/GSM interworking; Feasibility study**

R97 *current version:* 6.0.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-27 01/12/2000 6 . 0 . 0  
edito 16/01/2001 6 . 0 . 1

*WG (prime / other):* S1 / - *rapporteur:* GRAETZ, Ingeborg  
*G: yes U:* *MCC:* CLAYTON, Michael  
SIEMENS AG  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

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**TR 01.60 GPRS requirements**

R97 *current version:* 6.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael  
*G: yes U:* *MCC:* CLAYTON, Michael  
ETSI Secretariat  
[get it](#) *remarks - general:*  
*remarks - this release:*

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**TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements**

R97 *current version:* 6.0.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0  
Editorial correction 20/03/1998 6 . 0 . 1

*WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael  
*G: yes U:* *MCC:* POPE, Maurice  
VODAFONE Group Plc  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

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R97 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)**

R97 *current version:* 6.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0  
smg-28 12/02/1999 6 . 1 . 0  
smg-29 26/06/1999 6 . 2 . 0

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi  
*G: yes U:* *MCC:* CLAYTON, Michael  
NOKIA Corporation  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

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## 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  
*freeze\_meeting:* G: yes U: MCC: CLAYTON, Michael Lucent Technologies Network Systems UK  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:*  
Editorial correction 12/02/1999 6 . 1 . 1 [get it](#)

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## 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  
*freeze\_meeting:* G: yes U: MCC: CLAYTON, Michael T-MOBILE DEUTSCHLAND  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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## TS 02.04 General on Supplementary Services

R97 *current version:* 6.1.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul  
*freeze\_meeting:* G: yes U: MCC: CLAYTON, Michael Lucent Technologies Network Systems UK  
*history (event, available, version,*  
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](#)

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## TS 02.06 Types of Mobile Stations (MS)

R97 *current version:* 6.1.1 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David  
*freeze\_meeting:* G: yes U: MCC: CLAYTON, Michael VODAFONE Group Plc  
*history (event, available, version,*  
smg-27 16/10/1999 6 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 26/05/1999 6 . 0 . 1 [get it](#) *remarks - this release:*  
smg-28 12/02/1999 6 . 1 . 0 [get it](#)  
ETSI publication 04/08/1999 6 . 1 . 1 [get it](#)

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<b>TS 02.07</b>	<b>Mobile Station (MS) Features</b>								
R97	current version: 6.2.0	WG (prime / other):	S1 / -	rapporteur:	JEAL, David	VODAFONE Group Plc			
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-25 20/03/1998			<a href="#">get it</a>	remarks - general:				
	smg-26 20/06/1998			<a href="#">get it</a>	remarks - this release:				
	SP-07 17/03/2000			<a href="#">get it</a>					
<b>TS 02.09</b>	<b>Security aspects</b>								
R97	current version: 6.1.1	WG (prime / other):	S3 / S1 /	rapporteur:	CHRISTOFFERSSON,	TELIA PROMOTOR AB			
	freeze_meeting:	G: yes U:	NP	MCC:	Per				
	history (event, available, version,				POPE, Maurice				
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:				
	ETSI publication 26/05/1999			<a href="#">get it</a>	remarks - this release:				
	smg-31 16/02/2000			<a href="#">get it</a>					
	ETSI publication 29/08/2000			<a href="#">get it</a>					
<b>TS 02.11</b>	<b>Service Accessibility</b>								
R97	current version: 6.1.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom			
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-26 26/06/1998			<a href="#">get it</a>	remarks - general:				
	SP-11 02/04/2001			<a href="#">get it</a>	remarks - this release:				
<b>TS 02.16</b>	<b>International Mobile Station Equipment Identities (IMEI)</b>								
R97	current version: 6.2.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom			
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:				
	smg-30 11/11/1999			<a href="#">get it</a>	remarks - this release:				
	SP-08 28/06/2000			<a href="#">get it</a>					

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<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>					
R97	current version: 6.0.0	WG (prime / other):	T3 / S1	rapporteur:	HOOKER, Philip	ORANGE PCS LTD
	freeze_meeting:	G: yes U:		MCC:	DIETZE, Claus	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 02.22</b>	<b>Stage 1 for personalisation of GSM ME</b>					
R97	current version: 6.0.0	WG (prime / other):	S1 /	rapporteur:	DURAND, Romain	ALCATEL S.A.
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 02.24</b>	<b>Description of Charge Advice Information (CAI)</b>					
R97	current version: 6.0.1	WG (prime / other):	S1 /	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	<a href="#">get it</a>		remarks - this release:		
<hr/>						
<b>TS 02.30</b>	<b>Man-machine Interface (MMI) of the Mobile Station (MS)</b>					
R97	current version: 6.1.0	WG (prime / other):	S1 /	rapporteur:	JEAL, David	VODAFONE Group Plc
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	edito 26/06/1998 6 . 0 . 1	<a href="#">get it</a>		remarks - this release:		
	smg-28 12/02/1999 6 . 1 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 02.34</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other):	S1 /	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:		

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<b>TS 02.40</b>	<b>Procedures for Call Progress Indications</b>					
R97	current version: 6.0.0	WG (prime / other):	S1 / NP	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	
<b>TS 02.41</b>	<b>Operator Determined Barring</b>					
R97	current version: 6.0.0	WG (prime / other):	S1 /	rapporteur:	...,	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	
<b>TS 02.42</b>	<b>Network Identity and Timezone (NITZ); Service Description, Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other):	S1 /	rapporteur:	GILES, Les	Union Internationale des Chemins de Fer
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	
<b>TS 02.48</b>	<b>Security mechanisms for the SIM Application Toolkit; Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd
	freeze_meeting:	G: yes U:		MCC:	DIETZE, Claus	
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general: SMG9->T3@#31	
					remarks - this release:	
<b>TS 02.53</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>					
R97	current version: none	WG (prime / other):	S4 /	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,				remarks - general: SMG11->S4 at SMG#30	
					remarks - this release: No spec this Release	

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[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.60 General Packet Radio Service Stage 1 Description

R97 *current version:* 6.3.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Lucent Technologies Network Systems UK  
*freeze\_meeting:* G: yes U: *MCC:* CLAYTON, Michael

*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 6.3.0  
ETSI publication 01/12/1998 6 . 1 . 1 [get it](#)  
smg-28 12/02/1999 6 . 2 . 0 [get it](#)  
ETSI publication 04/08/1999 6 . 2 . 1 [get it](#)  
SP-05 14/10/1999 6 . 3 . 0 [get it](#)  
ETSI publication 28/11/2000 6 . 3 . 1 [get it](#)

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

*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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

*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 01/09/1999 6 . 0 . 1 [get it](#) *remarks - this release:*  
smg-29 25/06/1999 6 . 1 . 0 [get it](#)  
Editorial correction 25/07/1999 6 . 1 . 1 [get it](#)

## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R97 *current version:* 6.0.1 *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,*  
smg-27 06/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
publish EN 300 01/09/1999 6 . 0 . 1 [get it](#) *remarks - this release:*  
925

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<b>TS 02.69</b>	<b>Voice Broadcast Service (VBS); Stage 1</b>					
R97	current version: 6.0.1	WG (prime / other): S1 / -	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	Editorial correction 16/11/1998 6 . 0 . 1	<a href="#">get it</a>	remarks - this release: #27: 6.0.0			
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<b>TS 02.78</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)</b>					
R97	current version: 6.6.1	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	smg-28 12/02/1999 6 . 2 . 0	<a href="#">get it</a>				
	smg-29 25/06/1999 6 . 3 . 0	<a href="#">get it</a>				
	SP-05 14/10/1999 6 . 4 . 0	<a href="#">get it</a>				
	SP-10 12/01/2001 6 . 5 . 0	<a href="#">get it</a>				
	SP-14 14/01/2002 6 . 6 . 0	<a href="#">get it</a>				
	SP-14 minor 17/01/2002 6 . 6 . 1	<a href="#">get it</a>				
	correction					
<hr/>						
<b>TS 02.79</b>	<b>Support of Optimal Routeing (SOR); Service definition (Stage 1)</b>					
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: FREY, Sophie	Indicate persons who left Company and wait for new One		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: #27: 6.0.0			
<hr/>						
<b>TS 02.81</b>	<b>Line Identification Supplementary Services; Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: BLOMSTRAND, Ola	TELIA AB		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: #27: 6.0.0			

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<b>TS 02.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #27: 6.0.0		
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<b>TS 02.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
<b>TS 02.84</b>	<b>MultiParty (MPY) Supplementary Services; Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
<b>TS 02.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
<b>TS 02.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	CRAWFORD, Ian	VODAFONE Group Plc
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #27: 6.0.0		

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<b>TS 02.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 1</b>						
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael		
history (event, available, version,							
smg-27 16/10/1998	6 . 0 . 0						<a href="#">get it</a> remarks - general: remarks - this release: #27: 6.0.0
<hr/>							
<b>TS 02.90</b>	<b>Stage 1 Decision of Unstructured Supplementary Service Data (USSD)</b>						
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	SLOTTE, Sverre	NOKIA Corporation	
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael		
history (event, available, version,							
smg-27 16/10/1998	6 . 0 . 0						<a href="#">get it</a> remarks - general: remarks - this release: #27: 6.0.0
<hr/>							
<b>TS 02.91</b>	<b>Explicit Call Transfer (ECT)</b>						
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG	
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael		
history (event, available, version,							
smg-27 16/10/1998	6 . 0 . 0						<a href="#">get it</a> remarks - general: remarks - this release: #27: 6.0.0
<hr/>							
<b>TS 02.93</b>	<b>Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1</b>						
R97	current version: 6.0.1	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat	
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael		
history (event, available, version,							
smg-25 20/03/1998	6 . 0 . 0						
Editorial correction 20/04/1998	6 . 0 . 1						<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: #25: 6.0.0 (5.x.y withdrawn) #26: 6.0.1
<hr/>							
<b>TS 02.95</b>	<b>Support of Private Numbering Plan (SPNP); Service description; Stage 1</b>						
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat	
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael		
history (event, available, version,							
smg-27 15/10/1998	6 . 0 . 0						<a href="#">get it</a> remarks - general: remarks - this release: #27: 6.0.0

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**TS 02.96 Name Identification Supplementary Services; Stage 1**

R97 *current version:* 6.0.1 *WG (prime / other):* S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* G: yes U: *MCC:* CLAYTON, Michael

*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1

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**TS 03.01 Network Functions**

R97 *current version:* 6.1.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*freeze\_meeting:* G: yes U: *MCC:* SULTAN, Alain

*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7  
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:* #27: 6.0.0 #28: 6.1.0

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**TS 03.02 Network Architecture**

R97 *current version:* 6.1.0 *WG (prime / other):* S2 / NP / T2 *rapporteur:* SULTAN, Alain ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* SULTAN, Alain

*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #25: 6.0.0 #26: 6.1.0

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## TS 03.03 Numbering, Addressing and Identification

R97 current version: 6.7.0

freeze\_meeting:

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-28	12/02/1999	6	.	2	.	0
smg-29	25/06/1999	6	.	3	.	0
NP-05	14/10/1999	6	.	4	.	0
NP-07	17/03/2000	6	.	5	.	0
NP-08	28/06/2000	6	.	6	.	0
NP-16		6	.	7	.	0

WG (prime / other): N4 / T2 rapporteur: GAASVIK, Per-Ola COMVIQ GSM AB

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #25: 6.0.0 #26: 6.1.0 #28: 6.2.0 #29: 6.3.0 TSG#5 6.4.0 TSG#7: 6.5.0

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## TR 03.05 Technical performance objectives

R97 current version: 6.0.0

freeze\_meeting:

history (event, available, version,

smg-27	16/10/1998	6	.	0	.	0
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WG (prime / other): NP / - rapporteur: BOSWARTHICK, David ETSI Secretariat

G: yes U: MCC: BOSWARTHICK, David

[get it](#)

remarks - general:

remarks - this release: #27: 6.0.0

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## TS 03.07 Restoration Procedures

R97 current version: 6.2.0

freeze\_meeting:

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-29	25/06/1999	6	.	2	.	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: #25: 6.0.0 #26: 6.1.0 #29: 6.2.0

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<b>TS 03.08</b>	<b>Organization of Subscriber Data</b>					
R97	current version: 6.5.0	WG (prime / other):	N4 / -	rapporteur:	BAUER, Rolf	ALCATEL SEL AG
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998			<a href="#">get it</a>	remarks - general:	
	smg-26 26/06/1998			<a href="#">get it</a>	remarks - this release:	
	smg-27 16/10/1998			<a href="#">get it</a>		
	smg-28 12/02/1999			<a href="#">get it</a>		
	NP-07 15/03/2000			<a href="#">get it</a>		
	NP-09 31/10/2000			<a href="#">get it</a>		

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<b>TS 03.09</b>	<b>Handover Procedures</b>					
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated
	freeze_meeting:	G: yes	U:	MCC:	Rouzbeh	
	history (event, available, version,				JORGENSEN, Per Johan	
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:	
					remarks - this release: #27: 6.0.0	

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<b>TS 03.10</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</b>					
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	smg-27 18/10/1998			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	

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<b>TS 03.11</b>	<b>Technical Realization of Supplementary Services - General Aspects</b>					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:	
	Editorial correction 16/11/1998			<a href="#">get it</a>	remarks - this release: #27: 6.0.0	

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<b>TS 03.12</b>	<b>Location Registration Procedures</b>								
R97	current version: 6.0.0			WG (prime / other): N4 / -	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
					remarks - this release: #27: 6.0.0				
<hr/>									
<b>TS 03.13</b>	<b>Discontinuous Reception (DRX) in the GSM System</b>								
R97	current version: 6.0.0			WG (prime / other): G1 / -	rapporteur: USAI, Paolino	ETSI Secretariat			
	freeze_meeting:			G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
					remarks - this release: #27: 6.0.0				
<hr/>									
<b>TS 03.14</b>	<b>Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System</b>								
R97	current version: 6.0.0			WG (prime / other): N1 / -	rapporteur: ZAUS, Robert	SIEMENS AG			
	freeze_meeting:			G: yes U:	MCC: JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
					remarks - this release: #27: 6.0.0				
<hr/>									
<b>TS 03.15</b>	<b>Technical Realization of Operator Determined Barring</b>								
R97	current version: 6.1.0			WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-26 26/06/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	smg-29 25/06/1999 6 . 1 . 0			<a href="#">get it</a>	remarks - this release: #26: 6.0.0 SMG#29: 6.1.0				

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## TS 03.16 Subscriber Data Management

R97 current version: 6.5.0

freeze\_meeting:

WG (prime / other): N4 / - rapporteur: DETTNER, Harald SIEMENS AG

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-25 20/03/1998 6 . 0 . 0

smg-26 26/06/1998 6 . 1 . 0

smg-27 16/10/1998 6 . 2 . 0

smg-28 12/02/1999 6 . 3 . 0

smg-29 25/06/1999 6 . 4 . 0

NP-09 13/10/2000 6 . 5 . 0

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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

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## TS 03.18 Basic Call Handling

R97 current version: 6.7.0

freeze\_meeting:

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

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-25 20/03/1998 6 . 0 . 0

smg-26 26/06/1998 6 . 1 . 0

smg-27 16/10/1998 6 . 2 . 0

smg-28 12/02/1999 6 . 3 . 0

smg-29 25/06/1999 6 . 4 . 0

NP-05 13/10/1999 6 . 5 . 0

NP-07 17/03/2000 6 . 6 . 0

NP-09 04/10/2000 6 . 7 . 0

[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#5 6.5.0 TSG#7:

6.6.0 TSG#9:6.7.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TS 03.20 Security-related Network Functions

R97 current version: 6.1.0

freeze\_meeting:

WG (prime / other): S3 / NP / rapporteur: NGUYEN NGOC, France Telecom

G: yes U: GP MCC: POPE, Maurice

history (event, available, version,

smg-25 20/03/1998 6 . 0 . 0

smg-29 25/06/1999 6 . 1 . 0

[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

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<b>TS 03.22</b>	<b>Functions related to Mobile Station (MS) in idle mode and group receive mode</b>								
R97	current version: 6.3.0	WG (prime / other):	G1 / N1	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:	G: yes U:		MCC:	Peter Skov USAI, Paolino				
	history (event, available, version,								
	smg-26 26/06/1998			<a href="#">get it</a>	remarks - general:	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and			
	smg-28 12/02/1999			<a href="#">get it</a>	remarks - this release:	group receive mode".			
	smg-29 26/06/1999			<a href="#">get it</a>					
	SP-11 11/04/2001			<a href="#">get it</a>					
<b>TR 03.26</b>	<b>Multiband operation of GSM/DCS 1800 by a single operator</b>								
R97	current version: 6.0.0	WG (prime / other):	G1 / NP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:	G: yes U:		MCC:	Peter Skov USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:				
					remarks - this release:	#27: 6.0.0			
<b>TR 03.30</b>	<b>Radio Network Planning Aspects</b>								
R97	current version: 6.0.1	WG (prime / other):	GP / -	rapporteur:	TEGTH, Ulf	TELIA AB			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-26 26/06/1998			<a href="#">get it</a>	remarks - general:				
	Editorial update 26/07/1998			<a href="#">get it</a>	remarks - this release:	#26: 6.0.0			
<b>TS 03.32</b>	<b>Universal Geographical Area Description (GAD)</b>								
R97	current version: 6.0.0	WG (prime / other):	S2 / -	rapporteur:	SULTAN, Alain	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	SULTAN, Alain				
	history (event, available, version,								
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:				
					remarks - this release:	#27: 6.0.0			
<b>TS 03.34</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 2</b>								
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:				
					remarks - this release:	#27: 6.0.0			

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



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## TS 03.38 Alphabets and language-specific information

R97 *current version:* 6.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #25: 6.0.0

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## TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

R97 *current version:* 6.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #23: 6D1.0 #24: 6D2.0  
TP-14 11/01/2002 6 . 2 . 0 [get it](#)

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## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R97 *current version:* 6.1.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*

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## TS 03.42 SMS Compression

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

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## TR 03.43 Support of Videotex

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

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

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<b>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>								
R97	current version: 6.0.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				remarks - this release: #27: 6.0.0
<hr/>									
<b>TS 03.45</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>								
R97	current version: 6.0.1	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	Editorial correction 16/10/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release:				
<hr/>									
<b>TS 03.46</b>	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b>								
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				remarks - this release:
<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	current version: 6.0.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				remarks - this release: #27: 6.0.0
<hr/>									
<b>TS 03.48</b>	<b>Security mechanisms for SIM application toolkit; Stage 2</b>								
R97	current version: 6.2.0	WG (prime / other):	T3 / -	rapporteur:	BARNES, Nigel	MOTOROLA Ltd			
	freeze_meeting:	G: yes	U:	MCC:	DIETZE, Claus				
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	SMG9->T3@#31			
	smg-26 26/06/1998 6 . 1 . 0			<a href="#">get it</a>	remarks - this release:				
	smg-28 12/02/1999 6 . 2 . 0			<a href="#">get it</a>					

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

<b>TR 03.49</b>	<b>Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)</b>								
R97	current version: 6.1.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-25 20/03/1998							<a href="#">get it</a>	remarks - general:
	smg-26 26/06/1998							<a href="#">get it</a>	remarks - this release:
	6 . 0 . 0								
	6 . 1 . 0								
<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>								
R97	current version: 6.2.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998							<a href="#">get it</a>	remarks - general:
	smg-28 12/02/1999							<a href="#">get it</a>	remarks - this release: #27: 6.0.0 #28: 6.1.0 #32:6.2.0
	ETSI publication 21/07/1999							<a href="#">get it</a>	
	smg-32 20/06/2000							<a href="#">get it</a>	
	ETSI publication 30/11/2000							<a href="#">get it</a>	
	6 . 0 . 0								
	6 . 1 . 0								
	6 . 1 . 1								
	6 . 2 . 0								
	6 . 2 . 1								
<b>TS 03.54</b>	<b>Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2</b>								
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-27 16/10/1998							<a href="#">get it</a>	remarks - general:
	6 . 0 . 0								remarks - this release: #27: 6.0.0
<b>TR 03.58</b>	<b>Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	MONFORT, Jean-Yves	France Telecom			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-25 20/03/1998							<a href="#">get it</a>	remarks - general:
	Editorial correction 20/04/1998							<a href="#">get it</a>	remarks - this release: #23: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)
	6 . 0 . 0								
	6 . 0 . 1								

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

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## TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R97 *current version:* 6.10.1 *WG (prime / other):* S2 / - *rapporteur:* DELECKI, Andrew MOTOROLA Ltd  
*freeze\_meeting:* G: yes U: *MCC:* SULTAN, Alain

*history (event, available, version,*

smg-25	20/03/1998	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-26	26/06/1998	6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
edito	28/07/1998	6 . 1 . 1	<a href="#">get it</a>	
smg-27	16/10/1998	6 . 2 . 0	<a href="#">get it</a>	
smg-28	12/02/1999	6 . 3 . 0	<a href="#">get it</a>	
ETSI Vote	13/04/1999	6 . 3 . 1	<a href="#">get it</a>	
ETSI publication	21/07/1999	6 . 3 . 2	<a href="#">get it</a>	
smg-29	25/06/1999	6 . 4 . 0	<a href="#">get it</a>	
ETSI publication	29/12/1999	6 . 4 . 1	<a href="#">get it</a>	
SP-05	13/10/1999	6 . 5 . 0	<a href="#">get it</a>	
SP-06	17/12/1999	6 . 6 . 0	<a href="#">get it</a>	
ETSI publication	07/07/2000	6 . 6 . 1	<a href="#">get it</a>	
SP-07	17/03/2000	6 . 7 . 0	<a href="#">get it</a>	
ETSI publication	22/09/2000	6 . 7 . 1	<a href="#">get it</a>	
SP-11	19/04/2001	6 . 8 . 0	<a href="#">get it</a>	
SP-12	16/08/2001	6 . 9 . 0	<a href="#">get it</a>	
SP-14	08/01/2002	6 . 10 . 0	<a href="#">get it</a>	
edito		6 . 10 . 1		

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

*history (event, available, version,*

smg-27	16/10/1998	6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
				<i>remarks - this release:</i>

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

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<b>TS 03.64</b>	<b>General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2</b>					
R97	current version: 6.4.0	WG (prime / other): G1 / -	rapporteur: LEPPISAARI, Arto	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-25 20/03/1998	6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-26 26/06/1998	6 . 0 . 1	<a href="#">get it</a>	remarks - this release:		
	smg-27 16/10/1998	6 . 1 . 0	<a href="#">get it</a>			
	ETSI OAP 27/05/2000	6 . 1 . 1	<a href="#">get it</a>			
	smg-28 12/02/1999	6 . 2 . 0	<a href="#">get it</a>			
	smg-29 25/06/1999	6 . 3 . 0	<a href="#">get it</a>			
	smg-30 11/11/1999	6 . 4 . 0	<a href="#">get it</a>			

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<b>TS 03.67</b>	<b>Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2</b>					
R97	current version: 6.1.0	WG (prime / other): N4 / -	rapporteur: MÜNNING, Dirk	DETECON GMBH		
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-27 16/10/1998	6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	NP-07 17/03/2000	6 . 1 . 0	<a href="#">get it</a>	remarks - this release: #27: 6.0.0 TSG#7: 6.1.0		

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<b>TS 03.68</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>					
R97	current version: 6.3.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)		
	freeze_meeting:	G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version,					
	smg-25 20/03/1998	6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-26 26/06/1998	6 . 1 . 0	<a href="#">get it</a>	remarks - this release: #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 #32:6.3.0 TSG#9:6.3.0		
	smg post SP-07 30/10/1998	6 . 2 . 0	<a href="#">get it</a>			
	NP-09 12/10/2000	6 . 3 . 0	<a href="#">get it</a>			

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<b>TS 03.69</b>	<b>Voice Broadcast service (VBS); Stage 2</b>					
R97	current version: 6.3.0	WG (prime / other): N1 / -	rapporteur: MÜNNING, Dirk	DETECON GMBH		
	freeze_meeting:	G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version,					
	smg-25 20/03/1998	6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-26 26/06/1998	6 . 1 . 0	<a href="#">get it</a>	remarks - this release: #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 TSG#9:6.3.0		
	smg post SP-07 30/03/2000	6 . 2 . 0	<a href="#">get it</a>			
	NP-09 12/10/2000	6 . 3 . 0	<a href="#">get it</a>			

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

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## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R97 current version: 6.0.0  
freeze\_meeting:  
history (event, available, version,  
smg-27 16/10/1998 6 . 0 . 0

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

[get it](#) remarks - general: N3: "no R99 needed".  
remarks - this release: #27: 6.0.0

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## TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R97 current version: 6.11.0  
freeze\_meeting:  
history (event, available, version,  
smg-25 20/03/1998 6 . 0 . 0  
smg-26 26/06/1998 6 . 1 . 0  
ETSI publication 27/08/1998 6 . 1 . 1  
smg-27 16/10/1998 6 . 2 . 0  
smg-28 12/02/1999 6 . 3 . 0  
smg-29 25/06/1999 6 . 4 . 0  
NP-05 13/10/1999 6 . 5 . 0  
NP-07 17/03/2000 6 . 6 . 0  
NP-08 23/06/2000 6 . 7 . 0  
NP-10 04/01/2001 6 . 8 . 0  
NP-12 29/06/2001 6 . 9 . 0  
edito 02/07/2001 6 . 9 . 1  
NP-14 04/01/2002 6 . 10 . 0  
NP-16 6 . 11 . 0

WG (prime / other): N2 / - rapporteur: LANTELME, Isabelle ALCATEL S.A.  
G: yes U: MCC: JURISIC, Andrijana

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

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## TS 03.79 Support of Optimal Routing phase 1; Stage 2

R97 current version: 6.3.0  
freeze\_meeting:  
history (event, available, version,  
smg-27 16/10/1998 6 . 0 . 0  
smg-29 25/06/1999 6 . 1 . 0  
NP-05 13/10/1999 6 . 2 . 0  
NP-07 17/03/2000 6 . 3 . 0

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

[get it](#) remarks - general:  
[get it](#) remarks - this release: #27: 6.0.0 #29: 6.1.0 TSG#5: 6.2.0 TSG#7: 6.3.0  
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G = required in systems with GERAN acces; U = required in systems with UMTS

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<b>TS 03.81</b>	<b>Line Identification Supplementary Services; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: VACANT,		
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
<b>TS 03.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>				
R97	current version: 6.1.0	WG (prime / other): N4 / -	rapporteur: POTHS, Annette		Indicate persons who left Company and wait for new One
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 smg-29 25/06/1999 6 . 1 . 0			<a href="#">get it</a> <a href="#">get it</a>	remarks - general: remarks - this release: #27: 6.0.0 #29: 6.1.0
<hr/>					
<b>TS 03.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: SHARP, Iain		NORTEL NETWORKS (EUROPE)
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
<b>TS 03.84</b>	<b>Multi Party (MPPTY) Supplementary Services; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen		T-MOBILE DEUTSCHLAND
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
<b>TS 03.85</b>	<b>Closed user Group (CUG) Supplementary Services; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: VACANT,		
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general: remarks - this release:

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Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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<b>TS 03.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 2</b>				
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:
	Editorial correction 16/11/1998			<a href="#">get it</a>	remarks - this release: #27: 6.0.0
	6 . 0 . 0				
	6 . 0 . 1				
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<b>TS 03.88</b>	<b>Call Barring (CB) supplementary services; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	HAMEL, Eric
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				France Telecom
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:
	6 . 0 . 0				remarks - this release: #27: 6.0.0
<hr/>					
<b>TS 03.90</b>	<b>Unstructured Supplementary Service Data (USSD)</b>				
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	CHOTAI, Sunil
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				mmO2 plc
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:
	6 . 0 . 0				remarks - this release: #27: 6.0.0
<hr/>					
<b>TS 03.91</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	DZUBAN, Stanislav
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				SIEMENS AG
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:
	6 . 0 . 0				remarks - this release: #27: 6.0.0
<hr/>					
<b>TS 03.93</b>	<b>Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2</b>				
R97	current version: 6.2.0	WG (prime / other):	N4 / -	rapporteur:	HÄMÄLÄINEN, Pekka
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				Telefon AB LM Ericsson
	smg-25 20/03/1998			<a href="#">get it</a>	remarks - general:
	smg-26 26/06/1998			<a href="#">get it</a>	remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0
	smg-27 16/10/1998			<a href="#">get it</a>	
	6 . 0 . 0				
	6 . 1 . 0				
	6 . 2 . 0				
<hr/>					

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## TS 03.96 Name Identification Supplementary Services; Stage 2

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

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R97 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

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## TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

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## TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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## TS 04.04 Layer 1 - General Requirements

R97 current version: 6.0.0  
freeze\_meeting:  
history (event, available, version,  
smg-25 20/03/1998 6 . 0 . 0

WG (prime / other): G2 / - rapporteur: ISAACS, Ken  
G: yes U: MCC: THOMASEN, Gert

SIEMENS AG

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

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## TS 04.05 Data Link (DL) Layer General Aspects

R97 current version: 6.0.1  
freeze\_meeting:  
history (event, available, version,  
smg-27 16/10/1998 6 . 0 . 0  
Editorial correction 16/11/1998 6 . 0 . 1

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

MOTOROLA A/S

[get it](#) remarks - general:  
[get it](#) remarks - this release: #27: 6.0.0

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## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R97 current version: 6.2.1  
freeze\_meeting:  
history (event, available, version,  
smg-27 16/10/1998 6 . 0 . 0  
ETSI publication 01/09/1999 6 . 0 . 1  
smg-29 25/06/1999 6 . 1 . 0  
ETSI publication 14/12/1999 6 . 1 . 1  
smg-31 16/02/2000 6 . 2 . 0  
ETSI publication 29/09/2000 6 . 2 . 1

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

MOTOROLA A/S

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

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## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R97 current version: 6.5.1

freeze\_meeting:

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd  
G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-25 20/03/1998 6 . 0 . 0

smg-26 26/06/1998 6 . 1 . 0

smg-27 16/10/1998 6 . 2 . 0

ETSI publication 04/12/1998 6 . 2 . 1

smg-28 12/02/1999 6 . 3 . 0

smg-29 25/06/1999 6 . 4 . 0

NP-05 13/10/1999 6 . 5 . 0

Editorial correction 13/11/1999 6 . 5 . 1

[get it](#) remarks - general:

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

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## TS 04.08 Mobile radio interface layer 3 specification

R97 current version: 6.18.0

freeze\_meeting:

history (event, available, version,

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-30 bis	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-31 bis	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>

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd  
G: yes U: MCC: JORGENSEN, Per Johan

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert  
remarks - this release: Thomasen (even numbered CRs!)

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<b>TS 04.10</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects</b>								
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
	history (event, available, version,	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	smg-25 20/03/1998								
	Editorial correction 20/04/1998								
	6 . 0 . 0								
	6 . 0 . 1								
		<a href="#">get it</a>					remarks - general:		
		<a href="#">get it</a>					remarks - this release:		

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<b>TS 04.11</b>	<b>Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface</b>								
R97	current version: 6.1.0	WG (prime / other):	N1 / -	rapporteur:	NOBUYUKI, Uda	NTT COMWARE Corporation			
	freeze_meeting:				JORGENSEN, Per Johan				
	history (event, available, version,	G: yes	U:	MCC:					
	smg-25 20/03/1998								
	Editorial correction 20/04/1998								
	NP-09 12/10/2000								
	6 . 0 . 0								
	6 . 0 . 1								
	6 . 1 . 0								
		<a href="#">get it</a>					remarks - general:		
		<a href="#">get it</a>					remarks - this release: #25: 6.0.0 TSG#9:6.1.0		
		<a href="#">get it</a>							

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<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>								
R97	current version: 6.0.1	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
	history (event, available, version,	G: yes	U:	MCC:	THOMASEN, Gert				
	smg-27 16/10/1998								
	Editorial correction 16/11/1998								
	6 . 0 . 0								
	6 . 0 . 1								
		<a href="#">get it</a>					remarks - general:		
		<a href="#">get it</a>					remarks - this release: #27: 6.0.0		

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<b>TS 04.13</b>	<b>Performance Requirements on Mobile Radio Interface</b>								
R97	current version: 6.0.1	WG (prime / other):	N1 / -	rapporteur:	PUDNEY, Chris	VODAFONE Group Plc			
	freeze_meeting:				JORGENSEN, Per Johan				
	history (event, available, version,	G: yes	U:	MCC:					
	smg-27 16/10/1998								
	Editorial correction 16/10/1998								
	6 . 0 . 0								
	6 . 0 . 1								
		<a href="#">get it</a>					remarks - general:		
		<a href="#">get it</a>					remarks - this release: #27: 6.0.0		

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<b>TS 04.14</b>	<b>Individual equipment type requirements and interworking; Special conformance testing functions</b>								
R97	current version: 6.2.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting:				THOMASEN, Gert				
	history (event, available, version,	G: yes	U:	MCC:					
	smg-27 16/10/1998								
	smg-30 11/11/1999								
	smg-32 28/06/2000								
	6 . 0 . 0								
	6 . 1 . 0								
	6 . 2 . 0								
		<a href="#">get it</a>					remarks - general:		
		<a href="#">get it</a>					remarks - this release: #27: 6.0.0 #30: 6.1.0 #32:6.2.0		
		<a href="#">get it</a>							

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<b>TS 04.21</b>	<b>Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface</b>								
R97	current version: 6.1.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-27 16/10/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	NP-08 23/06/2000	6 . 1 . 0		<a href="#">get it</a>	remarks - this release: #27: 6.0.0 TSG#8:6.1.0				
<hr/>									
<b>TS 04.22</b>	<b>Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services</b>								
R97	current version: <b>Switching Centre (BSS - MSC) interface</b>	6.2.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-26 26/06/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-27 16/10/1998	6 . 1 . 0		<a href="#">get it</a>	remarks - this release: #26: 6.0.0 #27: 6.1.0 TSG#6: 6.2.0				
	NP-06 17/12/1999	6 . 2 . 0		<a href="#">get it</a>					

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**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:* 6.13.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA

*freeze\_meeting:* *G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version,*

draft	20/12/1997	0	.	0	.	0
draft	20/03/1998	1	.	0	.	0
draft	20/03/1998	2	.	0	.	0
smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-27	16/10/1998	6	.	2	.	0
smg-28	12/02/1999	6	.	3	.	0
ETSI publication	14/06/1999	6	.	3	.	1
smg-29	25/06/1999	6	.	4	.	0
ETSI publication	16/12/1999	6	.	4	.	1
smg-30	11/11/1999	6	.	5	.	0
smg-30 bis	06/12/1999	6	.	6	.	0
ETSI publication	05/07/2000	6	.	6	.	1
smg-31	16/02/2000	6	.	7	.	0
ETSI publication	29/09/2000	6	.	7	.	1
smg-31 bis	17/04/2000	6	.	8	.	0
ETSI publication	17/10/2000	6	.	8	.	1
smg-32	20/06/2000	6	.	9	.	0
GP-01	11/10/2000	6	.	10	.	0
GP-02	27/11/2000	6	.	11	.	0
GP-03	31/01/2001	6	.	12	.	0
GP-04	04/05/2001	6	.	13	.	0

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

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

*history (event, available, version,*

smg-27	16/10/1998	6	.	0	.	0
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[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

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<b>TS 04.64</b>	<b>General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification</b>				
R97	current version: 6.10.0	WG (prime / other): N1 / -	rapporteur: SALKINTZIS, Apostolis	MOTOROLA GmbH	
	freeze_meeting:	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-25 20/03/1998	6 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-26 26/06/1998	6 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	smg-27 16/10/1998	6 . 2 . 0	<a href="#">get it</a>		
	smg-28 12/02/1999	6 . 3 . 0	<a href="#">get it</a>		
	smg-29 25/06/1999	6 . 4 . 0	<a href="#">get it</a>		
	smg-30 11/11/1999	6 . 5 . 0	<a href="#">get it</a>		
	NP-06 17/12/1999	6 . 6 . 0	<a href="#">get it</a>		
	smg-31 16/02/2000	6 . 7 . 0	<a href="#">get it</a>		
	NP-10 02/01/2001	6 . 8 . 0	<a href="#">get it</a>		
	NP-13 02/10/2001	6 . 9 . 0	<a href="#">get it</a>		
	NP-14 04/01/2002	6 . 10 . 0	<a href="#">get it</a>		

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<b>TS 04.65</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)</b>				
R97	current version: 6.7.0	WG (prime / other): N1 / -	rapporteur: SALKINTZIS, Apostolis	MOTOROLA GmbH	
	freeze_meeting:	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-25 20/03/1998	6 . 0 . 0	<a href="#">get it</a>	remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.	
	smg-26 26/06/1998	6 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	smg-27 16/10/1998	6 . 2 . 0	<a href="#">get it</a>		
	smg-28 12/02/1999	6 . 3 . 0	<a href="#">get it</a>		
	smg-29 25/06/1999	6 . 4 . 0	<a href="#">get it</a>		
	smg-30 11/11/1999	6 . 5 . 0	<a href="#">get it</a>		
	NP-06 17/12/1999	6 . 6 . 0	<a href="#">get it</a>		
	smg-31 16/02/2000	6 . 7 . 0	<a href="#">get it</a>		

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<b>TS 04.67</b>	<b>Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3</b>				
R97	current version: 6.0.1	WG (prime / other): N4 / -	rapporteur: MÜNNING, Dirk	DETECON GMBH	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-27 16/10/1998	6 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	Editorial correction 16/11/1998	6 . 0 . 1	<a href="#">get it</a>	remarks - this release: #27: 6.0.0	

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



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<b>TS 04.68</b>	<b>Group Call Control (GCC) Protocol</b>					
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-27 16/10/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	smg-29 25/06/1998	6 . 1 . 0		<a href="#">get it</a>	remarks - this release:	
	smg-30 11/11/1999	6 . 2 . 0		<a href="#">get it</a>		
	NP-07 17/03/2000	6 . 3 . 0		<a href="#">get it</a>		

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<b>TS 04.69</b>	<b>Broadcast Call Control (BCC) protocol</b>					
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-27 16/10/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	smg-29 25/06/1999	6 . 1 . 0		<a href="#">get it</a>	remarks - this release:	
	smg-30 11/11/1999	6 . 2 . 0		<a href="#">get it</a>		
	NP-07 17/03/2000	6 . 3 . 0		<a href="#">get it</a>		

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<b>TS 04.80</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding</b>					
R97	current version: 6.1.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	smg-26 26/06/1998	6 . 1 . 0		<a href="#">get it</a>	remarks - this release:	
	smg-28 12/02/1999	6 . 1 . 1		<a href="#">get it</a>		

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<b>TS 04.81</b>	<b>Line Identification Supplementary Services; Stage 3</b>					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	Editorial correction 16/11/1998	6 . 0 . 1		<a href="#">get it</a>	remarks - this release: #27: 6.0.0	

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

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<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:	POTHS, Annette	Indicate persons who left Company and wait for new One		
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo			
	history (event, available, version,							
	smg-27 16/10/1998							6 . 0 . 0
	Editorial correction 16/11/1998							6 . 0 . 1
		<a href="#">get it</a>		remarks - general:				
		<a href="#">get it</a>		remarks - this release: #27: 6.0.0				
<hr/>								
<b>TS 04.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3</b>							
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo			
	history (event, available, version,							
	smg-27 16/10/1998							6 . 0 . 0
	Editorial correction 16/11/1998							6 . 0 . 1
		<a href="#">get it</a>		remarks - general:				
		<a href="#">get it</a>		remarks - this release: #27: 6.0.0				
<hr/>								
<b>TS 04.84</b>	<b>Multi Party (MPPTY) Supplementary Services; Stage 3</b>							
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo			
	history (event, available, version,							
	smg-27 16/10/1998							6 . 0 . 0
	Editorial correction 16/11/1998							6 . 0 . 1
		<a href="#">get it</a>		remarks - general:				
		<a href="#">get it</a>		remarks - this release: #27: 6.0.0				
<hr/>								
<b>TS 04.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 3</b>							
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	VACANT,			
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo			
	history (event, available, version,							
	smg-27 16/10/1998							6 . 0 . 0
		<a href="#">get it</a>		remarks - general:				
				remarks - this release: #27: 6.0.0				
<hr/>								
<b>TS 04.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 3</b>							
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	ETSI Secretariat		
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo			
	history (event, available, version,							
	smg-27 16/10/1998							6 . 0 . 0
	Editorial correction 16/11/1998							6 . 0 . 1
		<a href="#">get it</a>		remarks - general:				
		<a href="#">get it</a>		remarks - this release: #27: 6.0.0				
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G = required in systems with GERAN access; U = required in systems with UMTS

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<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:	HAMEL, Eric	France Telecom
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998			<a href="#">get it</a>	remarks - general:	
	Editorial correction 20/04/1998			<a href="#">get it</a>	remarks - this release: #25: 6.0.0	
	6 . 0 . 0					
	6 . 0 . 1					
<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	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:	
	Editorial correction 16/11/1998			<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
	6 . 0 . 0					
	6 . 0 . 1					
<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:	DZUBAN, Stanislav	SIEMENS AG
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:	
	<to be defined> 16/11/1998			<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
	6 . 0 . 0					
	6 . 0 . 1					
<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:	HÄMÄLÄINEN, Pekka	Telefon AB LM Ericsson
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998			<a href="#">get it</a>	remarks - general:	
	smg-26 26/06/1998			<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			<a href="#">get it</a>		
	6 . 0 . 0					
	6 . 1 . 0					
	6 . 1 . 1					
<b>TS 04.96</b>	<b>Name Identification Supplementary Services; Stage 3</b>					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998			<a href="#">get it</a>	remarks - general:	
	Editorial correction 20/04/1998			<a href="#">get it</a>	remarks - this release: #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)	
	6 . 0 . 0					
	6 . 0 . 1					

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

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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:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
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:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
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-30 bis 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-31 bis 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](#)

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## TS 05.03 Channel coding

R97 *current version:* 6.2.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-24 19/12/1997 6 . 0 . 0  
smg-25 20/03/1998 6 . 1 . 0  
smg-28 12/02/1999 6 . 2 . 0  
ETSI Publication 12/03/1999 6 . 2 . 1

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

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## TS 05.04 Modulation

R97 *current version:* 6.1.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0  
ETSI publication 09/02/1999 6 . 0 . 1  
smg-30 bis 06/12/1999 6 . 1 . 0  
ETSI publication 20/06/2000 6 . 1 . 1

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

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

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## TS 05.05 Radio Transmission and Reception

R97 *current version:* 6.8.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-24 19/12/1997 6 . 0 . 0  
smg-25 20/03/1998 6 . 1 . 0  
smg-26 26/06/1998 6 . 2 . 0  
smg-27 16/10/1998 6 . 3 . 0  
ETSI publication 09/03/1999 6 . 3 . 1  
smg-28 12/02/1999 6 . 4 . 0  
ETSI publication 04/06/1999 6 . 4 . 1  
smg-29 25/06/1999 6 . 5 . 0  
ETSI publication 14/12/1999 6 . 5 . 1  
smg-30 11/11/1999 6 . 6 . 0  
smg-31 16/02/2000 6 . 7 . 0  
ETSI publication 29/09/2000 6 . 7 . 1  
GP-01 09/10/2000 6 . 8 . 0

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

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

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

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## TS 05.08 Radio Subsystem Link Control

R97 current version: 6.9.0

freeze\_meeting:

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

history (event, available, version,

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:

edito 20/03/1998 6 . 1 . 1

[get it](#)

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](#)

ETSI publication 04/12/1999 6 . 5 . 1

[get it](#)

smg-30 11/11/1999 6 . 6 . 0

[get it](#)

smg-30 bis 06/12/1999 6 . 7 . 0

[get it](#)

edito 01/02/2000 6 . 7 . 1

[get it](#)

smg-31 bis 17/04/2000 6 . 8 . 0

[get it](#)

ETSI publication 6 . 8 . 1

GP-01 10/10/2000 6 . 9 . 0

[get it](#)

## TS 05.10 Radio subsystem synchronization

R97 current version: 6.7.0

freeze\_meeting:

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

MCC: USAI, Paolino

history (event, available, version,

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](#)

ETSI publication 14/12/1999 6 . 5 . 1

[get it](#)

smg-30 11/11/1999 6 . 6 . 0

[get it](#)

ETSI publication 29/05/2001 6 . 6 . 1

[get it](#)

GP-02 24/11/2000 6 . 7 . 0

[get it](#)

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**TR 05.14 Release independent frequency bands; Implementation guidelines**

R97 *current version:* 6.1.0 *WG (prime / other):* G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
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.

Changed from G2 to G1 at same time.

R97 record created at same time (originally was only R99 and R98).

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**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:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

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**TR 05.50 Background for RF Requirements**

R97 *current version:* 6.1.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* Peter Skov  
USAI, Paolino  
*history (event, available, version,*  
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

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**TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations**

R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
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.

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R97 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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<b>TS 06.01</b>	<b>Full Rate Speech Processing Functions</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998						<a href="#">get it</a>	remarks - this release:	
	6 . 0 . 0								
	6 . 0 . 1								
<b>TS 06.02</b>	<b>Half Rate Speech Processing Functions</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998						<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								
<b>TS 06.06</b>	<b>Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998						<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								
<b>TS 06.07</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998						<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								
<b>TR 06.08</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>								
R97	current version: 6.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						<a href="#">get it</a>	remarks - general:	
	6 . 0 . 0							remarks - this release: #27: 6.0.0	

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Server ACTIVE specs R97 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

<b>TS 06.10</b>	<b>Full Rate Speech Transcoding</b>						
R97	current version: 6.2.0	WG (prime / other):	S4 / -	rapporteur:	LORENZ, Dietmar	PHILIPS Semiconductors	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:		
	smg-32 20/06/2000			<a href="#">get it</a>	remarks - this release:		
ETSI Publication	30/11/2000			<a href="#">get it</a>			
	SP-12 29/06/2001			<a href="#">get it</a>			
	6 . 0 . 0						
	6 . 1 . 0						
	6 . 1 . 1						
	6 . 2 . 0						
<b>TS 06.11</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>						
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:		
ETSI Publication	16/11/1998			<a href="#">get it</a>	remarks - this release: #27: 6.0.0		
	6 . 0 . 0						
	6 . 0 . 1						
<b>TS 06.12</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>						
R97	current version: 6.1.0	WG (prime / other):	S4 / -	rapporteur:	SERENO, Daniele	TELECOM ITALIA S.p.A.	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:		
ETSI Publication	16/11/1998			<a href="#">get it</a>	remarks - this release: #27: 6.0.0		
	SP-12 29/06/2001			<a href="#">get it</a>			
	6 . 0 . 0						
	6 . 0 . 1						
	6 . 1 . 0						
<b>TS 06.20</b>	<b>Half Rate Speech Transcoding</b>						
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:		
Editorial correction	16/11/1998			<a href="#">get it</a>	remarks - this release: #27: 6.0.0		
	6 . 0 . 0						
	6 . 0 . 1						
<b>TS 06.21</b>	<b>Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels</b>						
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:		
ETSI Publication	16/11/1998			<a href="#">get it</a>	remarks - this release: #27: 6.0.0		
	6 . 0 . 0						
	6 . 0 . 1						

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<b>TS 06.22</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998	6 . 0 . 0					<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998	6 . 0 . 1					<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998	6 . 0 . 0					<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998	6 . 0 . 1					<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998	6 . 0 . 0					<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998	6 . 0 . 1					<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
<b>TS 06.41</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998	6 . 0 . 0					<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998	6 . 0 . 1					<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
<b>TS 06.42</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998	6 . 0 . 0					<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998	6 . 0 . 1					<a href="#">get it</a>	remarks - this release: #27: 6.0.0	

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<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:	G: yes U:		MCC: USAI, Paolino		
	history (event, available, version,					
	smg-27 16/10/1998					<a href="#">get it</a> remarks - general:
	ETSI publication 04/06/1999					<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					<a href="#">get it</a>
	ETSI publication 30/11/2000					<a href="#">get it</a>
	SP-10 20/12/2000					<a href="#">get it</a>

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<b>TS 06.53</b>	<b>ANSI-C code for the GSM Enhanced full rate speech codec</b>					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation	
	freeze_meeting:	G: yes U:		MCC: USAI, Paolino		
	history (event, available, version,					
	smg-27 16/10/1998					<a href="#">get it</a> remarks - general:
	ETSI Publication 16/11/1998					<a href="#">get it</a> remarks - this release: #27: 6.0.0

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<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:	G: yes U:		MCC: USAI, Paolino		
	history (event, available, version,					
	smg-27 16/10/1998					<a href="#">get it</a> remarks - general:
	ETSI publication 01/09/1999					<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					<a href="#">get it</a>
	SP-10 20/12/2000					<a href="#">get it</a>

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<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:	G: yes U:		MCC: USAI, Paolino		
	history (event, available, version,					
	smg-27 16/10/1998					<a href="#">get it</a> remarks - general:
						remarks - this release: #27: 6.0.0

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<b>TS 06.60</b>	<b>Enhanced full rate speech transcoding</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998						<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								
<b>TS 06.61</b>	<b>Substitution and muting of lost frames for enhanced full rate speech traffic channels</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998						<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								
<b>TS 06.62</b>	<b>Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 04/06/1999						<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								
<b>TS 06.81</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>								
R97	current version: 6.1.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999						<a href="#">get it</a>	remarks - this release: #27: 6.0.0 #30: 6.1.0	
	ETSI Publication 09/05/2000						<a href="#">get it</a>		
	6 . 0 . 0								
	6 . 1 . 0								
	6 . 1 . 1								
<b>TS 06.82</b>	<b>Voice Activity Detection (VAD) for enhanced full rate speech traffic channels</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998						<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
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**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 ETSI Secretariat  
freeze\_meeting: G: yes U: MCC: USAI, Paolino  
history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 [get it](#) remarks - general:  
remarks - this release: #27: 6.0.0

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R97 **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**  
R97 current version: 6.1.0 WG (prime / other): N3 / - rapporteur: WIJK, Rune Werner Telefon AB LM Ericsson  
freeze\_meeting: G: yes U: MCC: BOSWARTHICK, David  
history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 [get it](#) remarks - general:  
smg-29 25/06/1999 6 . 1 . 0 [get it](#) remarks - this release: #27: 6.0.0 #29: 6.1.0

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**TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities**  
R97 current version: 6.0.0 WG (prime / other): N3 / - rapporteur: WIJK, Rune Werner Telefon AB LM Ericsson  
freeze\_meeting: G: yes U: MCC: BOSWARTHICK, David  
history (event, available, version, smg-26 26/06/1998 6 . 0 . 0 [get it](#) remarks - general:  
remarks - this release: #26: 6.0.0

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**TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities**  
R97 current version: 6.0.0 WG (prime / other): N3 / - rapporteur: WIJK, Rune Werner Telefon AB LM Ericsson  
freeze\_meeting: G: yes U: MCC: BOSWARTHICK, David  
history (event, available, version, smg-26 26/06/1998 6 . 0 . 0 [get it](#) remarks - general:  
remarks - this release: #26: 6.0.0

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**TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)**

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* G: yes U: *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #27: 6.0.0*

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**TS 07.07 AT Command set for GSM Mobile Equipment (ME)**

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*  
smg-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](#)

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**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:* G: yes U: *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
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](#)

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

*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #29: 6.3.0 TSG#5: 6.4.0 TSG#6: 6.5.0  
smg-27 16/10/1998 6 . 2 . 0 [get it](#)  
smg-29 25/06/1999 6 . 3 . 0 [get it](#)  
NP-05 08/10/1999 6 . 4 . 0 [get it](#)  
NP-06 15/12/1999 6 . 5 . 0 [get it](#)

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R97 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.01 General Aspects on the BSS-MSC Interface

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

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## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

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<b>TS 08.04</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>					
R97	current version: 6.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a>	remarks - general: remarks - this release: #27: 6.0.0
<hr/>						
<b>TS 08.06</b>	<b>Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface</b>					
R97	current version: 6.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a>	remarks - general: remarks - this release: #27: 6.0.0
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<b>TS 08.08</b>	<b>Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>					
R97	current version: 6.5.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-31 bis 17/04/2000 6 . 5 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>						
<b>TS 08.14</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1</b>					
R97	current version: 6.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a>	remarks - general: remarks - this release: #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

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<b>TS 08.16</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service</b>				
R97	current version: 6.3.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:		Peter Skov		
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert		
	smg-25 20/03/1998				<a href="#">get it</a> remarks - general:
	smg-26 26/06/1998				<a href="#">get it</a> remarks - this release:
	smg-28 12/02/1999				<a href="#">get it</a>
	smg-29 25/06/1999				<a href="#">get it</a>

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<b>TS 08.18</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol</b>				
R97	current version: 6.8.0	WG (prime / other): G2 / -	rapporteur: BLACK, Jyoti	MOTOROLA	
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-25 20/03/1998				<a href="#">get it</a> remarks - general:
	smg-26 26/06/1998				<a href="#">get it</a> remarks - this release:
	smg-27 16/10/1998				<a href="#">get it</a>
	smg-28 12/02/1999				<a href="#">get it</a>
	smg-29 25/06/1999				<a href="#">get it</a>
	smg-30 11/11/1999				<a href="#">get it</a>
	smg-31 16/02/2000				<a href="#">get it</a>
	ETSI Publication 16/03/2000				<a href="#">get it</a>
	GP-05 18/06/2001				<a href="#">get it</a>

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<b>TS 08.20</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>				
R97	current version: 6.1.0	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation	
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,				
	smg-27 16/10/1998				<a href="#">get it</a> remarks - general:
	NP-11 04/04/2001				<a href="#">get it</a> remarks - this release:

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<b>TS 08.51</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects</b>				
R97	current version: 6.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-27 16/10/1998				<a href="#">get it</a> remarks - general:
					remarks - this release: #27: 6.0.0

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

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<b>TS 08.52</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles</b>				
R97	current version: 6.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		
		<a href="#">get it</a>	remarks - general: remarks - this release: #27: 6.0.0		
<hr/>					
<b>TS 08.54</b>	<b>BSC-BTS Layer 1; Structure of Physical Circuits</b>				
R97	current version: 6.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		
		<a href="#">get it</a>	remarks - general: remarks - this release: #27: 6.0.0		
<hr/>					
<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>				
R97	current version: 6.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		
		<a href="#">get it</a>	remarks - general: remarks - this release: #27: 6.0.0		
<hr/>					
<b>TS 08.58</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification</b>				
R97	current version: 6.3.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 smg-29 25/06/1999 6 . 2 . 0 smg-30 11/11/1999 6 . 3 . 0	G: yes U:	MCC: THOMASEN, Gert		
		<a href="#">get it</a>	remarks - general: remarks - this release: #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0		
		<a href="#">get it</a>			
		<a href="#">get it</a>			
		<a href="#">get it</a>			

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**TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels**  
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
ETSI Publication 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:*

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**TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-27 18/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
ETSI Publication 18/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:*

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R97 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TR 09.01 General Network Interworking Scenarios**  
R97 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

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## TS 09.02 Mobile Application Part (MAP) Specification

R97 current version: 6.12.0

freeze\_meeting:

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

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
edito	09/09/1998	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	08/10/1999	6	.	5	.	0
NP-06	15/12/1999	6	.	6	.	0
NP-07	15/03/2000	6	.	7	.	0
NP-08	21/06/2000	6	.	8	.	0
NP-09	08/11/2000	6	.	9	.	0
NP-10	21/12/2000	6	.	10	.	0
NP-11	06/04/2001	6	.	11	.	0
NP-15	04/04/2002	6	.	12	.	0

[get it](#) remarks - general: CN->N4 Apr00 (JMM)

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

[get it](#)

[get it](#)

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## TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile

R97 current version: Network (PLMN)

6.0.0

WG (prime / other): N3

/-

rapporteur: BOSWARTHICK, David

ETSI Secretariat

freeze\_meeting:

G: yes U:

MCC: BOSWARTHICK, David

history (event, available, version,

smg-27	16/10/1998	6	.	0	.	0
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[get it](#) remarks - general: N3: "no R99 needed".

remarks - this release: #27: 6.0.0

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## TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R97 current version: 6.0.0

WG (prime / other): N3

/-

rapporteur: BOSWARTHICK, David ETSI Secretariat

freeze\_meeting:

G: yes U:

MCC: BOSWARTHICK, David

history (event, available, version,

smg-27	16/10/1998	6	.	0	.	0
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[get it](#) remarks - general: N3: "no R99 needed".

remarks - this release: #27: 6.0.0

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<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>								
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,	smg-27 16/10/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:	N3: "no R99 needed".			
					remarks - this release:	#27: 6.0.0			
<hr/>									
<b>TS 09.06</b>	<b>Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet</b>								
R97	current version: <b>Switched Data Transmission Services</b>	6.0.0	WG (prime / other):	N3	/-	rapporteur:	BOSWARTHICK, David		
ETSI Secretariat									
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,	smg-27 16/10/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:	N3: "no R99 needed".			
					remarks - this release:	#27: 6.0.0			
<hr/>									
<b>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone</b>								
R97	current version: <b>Network (PSTN)</b>	6.2.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,	smg-27 16/10/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-29 25/06/1999	6 . 1 . 0		<a href="#">get it</a>	remarks - this release:	#27: 6.0.0 #29: 6.1.0 N#6: 6.2.0			
	NP-06 15/12/1999	6 . 2 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 09.08</b>	<b>Application of the Base Station System Application Part (BSSAP) on the E-Interface</b>								
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	JUKIC, Zdravko	Telefon AB LM Ericsson			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
history (event, available, version,	smg-27 16/10/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release:	#27: 6.0.0			
<hr/>									
<b>TS 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	current version: <b>Procedures and the Mobile Application Part (MAP)</b>	6.2.0	WG (prime / other):	N4 / -	rapporteur:	VACANT,			
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,	smg-25 20/03/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-29 25/06/1999	6 . 1 . 0		<a href="#">get it</a>	remarks - this release:	#25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0			
	NP-11 04/04/2001	6 . 2 . 0		<a href="#">get it</a>					

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## TS 09.11 Signalling Interworking for Supplementary Services

R97 current version: 6.0.0  
freeze\_meeting:  
history (event, available, version,  
smg-26 26/06/1998 6 . 0 . 0

WG (prime / other): N4 / - rapporteur: HAMEL, Eric France Telecom  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
remarks - this release: #26: 6.0.0

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## TS 09.13 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

R97 current version: 6.0.0  
freeze\_meeting:  
history (event, available, version,  
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil mm02 plc  
G: yes U: MCC: KYMALAINEN, Kimmo

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

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## TS 09.16 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification

R97 current version: 6.1.0  
freeze\_meeting:  
history (event, available, version,  
smg-25 20/03/1998 6 . 0 . 0  
smg-28 12/02/1999 6 . 1 . 0

WG (prime / other): N1 / - rapporteur: MILLS, Duncan VODAFONE Group Plc  
G: yes U: MCC: JORGENSEN, Per Johan

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

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## TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

R97 current version: 6.7.0  
freeze\_meeting:  
history (event, available, version,  
smg-25 20/02/1998 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 08/10/1999 6 . 5 . 0  
NP-07 15/03/2000 6 . 6 . 0  
NP-14 04/01/2002 6 . 7 . 0

WG (prime / other): N1 / - rapporteur: MILLS, Duncan VODAFONE Group Plc  
G: yes U: MCC: JORGENSEN, Per Johan

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

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

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## TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface

R97	current version: 6.12.0	WG (prime / other): N4 / -	rapporteur: YOUNG, Michael	MOTOROLA Ltd
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo	
<i>history (event, available, version,</i>				
smg-25	20/03/1998	6 . 0 . 0	<a href="#">get it</a>	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		6 . 12 . 0		

## TS 09.61 General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)

R97	current version: 6.8.0	WG (prime / other): N3 / -	rapporteur: WILD, Johanna	MOTOROLA Ltd
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David	
<i>history (event, available, version,</i>				
smg-25	20/03/1998	6 . 0 . 0	<a href="#">get it</a>	remarks - general:
smg-26		6 . 1 . 0		remarks - this release: #26: 6.2.0 (6.1.0 withdrawn due to WORD compatibility problems)
smg-26 ((6.1.0 withdrawn due to WORD com	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		6 . 8 . 0		

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<b>TS 09.78</b>	<b>CAMEL Application Part phase 2 (stage 3)</b>								
R97	current version: 6.5.0		WG (prime / other): N2 / -	rapporteur: NOLDUS, Rogier	Telefon AB LM Ericsson				
	freeze_meeting: freeze_meeting:		G: yes U:	MCC: JURISIC, Andrijana					
	history (event, available, version,								
	smg-25 20/03/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-26 26/06/1998	6 . 1 . 0		<a href="#">get it</a>	remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0 TSG#8:6.5.0				
	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>					

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<b>TR 09.94</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) faults</b>								
R97	current version: 6.1.0		WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S				
	freeze_meeting: tbd		G: yes U:	Peter Skov					
	history (event, available, version,			MCC: JORGENSEN, Per Johan					
	smg-27	6 . 0 . 0	withdrawn SMG-30; ; reinstated NP-16	remarks - general:					
	NP-16	6 . 1 . 0		remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.					

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<b>TR 09.95</b>	<b>Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles</b>								
R97	current version: 6.2.0		WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S				
	freeze_meeting: GP-04		G: yes U:	Peter Skov					
	history (event, available, version,			MCC: USAI, Paolino					
	GP-04 20/04/2001	6 . 0 . 0		remarks - general:					
	GP-07 04/01/2002	6 . 1 . 0		remarks - this release:					
	GP-08 19/02/2002	6 . 2 . 0							

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R97      10 .- series      Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**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:* KYMALAINEN, Kimmo ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-28 12/02/1999 6 . 0 . 0 [get it](#) *remarks - general:*  
NP-05 08/10/1999 6 . 1 . 0 [get it](#) *remarks - this release:* #28: 6.0.0 TSG#5:6.1.0

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R97 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification**  
R97 *current version:* 6.4.0 *WG (prime / other):* G5 / S1 / NP / T2 / SCP / G4 *rapporteur:* SALMERON, Lidia ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* SALMERON, Lidia  
*history (event, available, version,*  
smg-28 12/02/1999 6 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently  
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release:* #31bis: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.  
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.  
smg-30 11/11/1999 6 . 2 . 0 [get it](#)  
smg-31 16/02/2000 6 . 3 . 0 [get it](#)  
Editorial correction 16/02/2000 6 . 3 . 1 [get it](#)  
GP-06 06/09/2001 6 . 4 . 0 [get it](#)

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**TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface**  
R97 *current version:* 6.3.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* smg-32 G: yes U: *MCC:* DIETZE, Claus  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #32:frozen  
smg-28 12/02/1999 6 . 2 . 0 [get it](#)  
smg-32 16/03/2000 6 . 3 . 0 [get it](#)  
smg-31 16/02/2000 6 . 3 . 0 [get it](#)

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

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Server ACTIVE specs R97 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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<b>TS 11.11</b>	<b>Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface</b>					
R97	current version: 6.3.0	WG (prime / other): T3 / -	rapporteur: GUTHERY, Scott B.	Mobile-Mind Inc.		
	freeze_meeting: smg-32	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>	remarks - this release: #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>				

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<b>TS 11.14</b>	<b>Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface</b>					
R97	current version: 6.3.0	WG (prime / other): T3 / -	rapporteur: WOODSEND, Kristian	ASPECTS Software Ltd		
	freeze_meeting:	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>	remarks - this release: (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>				

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<b>TS 11.21</b>	<b>Base Station System (BSS) equipment specification; Radio aspects</b>					
R97	current version: 6.0.0	WG (prime / other): G3 / -	rapporteur: VACANT,			
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	GP-09 06/05/2002 6 . 0 . 0	not produced post smg-27	<a href="#">get it</a>	remarks - general:		
				remarks - this release: #27:6.0.0 (Rodermund: not required [Aug-00]). GP-09 (Usai) resurrected.		

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<b>TS 11.26</b>	<b>Base Station System (BSS) equipment specification; Part 4: Repeaters</b>					
R97	current version: 6.0.0	WG (prime / other): G3 / -	rapporteur: VACANT,			
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	GP-09 06/05/2002 6 . 0 . 0		<a href="#">get it</a>	remarks - general:		
				remarks - this release: GP-09 (Usai) created to fill the Release gap.		

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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

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<b>TS 12.05</b>	<b>Subscriber Related Call and Event Data</b>								
R97	current version: 6.1.0	WG (prime / other):	S5 / S1	rapporteur:	BENDER, James	Nortel Networks (USA)			
	freeze_meeting:	G: yes U:		MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	smg-28 12/02/1999 6 . 1 . 0			<a href="#">get it</a>	remarks - this release:				
<hr/>									
<b>TS 12.11</b>	<b>Fault management of the Base Station System (BSS)</b>								
R97	current version: 6.3.0	WG (prime / other):	S5 / S1 / GP	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson			
	freeze_meeting:	G: yes U:		MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	smg-26 26/06/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	smg-27 16/10/1998 6 . 1 . 0			<a href="#">get it</a>	remarks - this release:				
	smg-28 12/02/1999 6 . 2 . 0			<a href="#">get it</a>					
	smg-29 25/06/1999 6 . 3 . 0			<a href="#">get it</a>					
<hr/>									
<b>TS 12.15</b>	<b>General Packet Radio Service (GPRS); GPRS Charging</b>								
R97	current version: 6.2.0	WG (prime / other):	S5 / -	rapporteur:	LEHNERT, Matthias	ALCATEL S.A.			
	freeze_meeting:	G: yes U:		MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 1 . 0			<a href="#">get it</a>	remarks - general:				
	smg-28 12/02/1999 6 . 2 . 0			<a href="#">get it</a>	remarks - this release: #27: 6.1.0 #28: 6.2.0				
<hr/>									
<b>TS 12.21</b>	<b>Network Management (NM) procedures and messages on the A-bis interface</b>								
R97	current version: 6.0.0	WG (prime / other):	G3 / S5	rapporteur:	TRUSS, Michael	MOTOROLA Ltd			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	GP-09 06/05/2002 6 . 0 . 0			<a href="#">get it</a>	remarks - general: SP-13: S5->G3 but no change of rapporteur.				
					remarks - this release: GP-09 (Usai) created to fill the Release gap.				

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R96

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

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R96 **01** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)**

R96 *current version:* 5.0.0 *freeze\_meeting:*  
*history (event, available, version,*  
smg-17 02/02/1996 5 . 0 . 0

*WG (prime / other):* S1 / GP / NP *rapporteur:* JORGENSEN, Niels H. TDC TELE DANMARK A/S  
*G: yes U:* *MCC:* CLAYTON, Michael

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

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**TR 01.04 Abbreviations and acronyms**

R96 *current version:* 5.0.2 *freeze\_meeting:*  
*history (event, available, version,*  
smg-17 02/02/1996 5 . 0 . 0  
smg-20 11/10/1996 5 . 0 . 1  
ETSI publication 30/10/2001 5 . 0 . 2

*WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael ETSI Secretariat  
*G: yes U:* *MCC:* USAI, Paolino

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

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**TS 01.48 ISDN-based DECT/GSM interworking; Feasibility study**

R96 *current version:* 5.0.1 *freeze\_meeting:*  
*history (event, available, version,*  
smg-19 28/06/1996 5 . 0 . 0  
smg-20 11/11/1996 5 . 0 . 1

*WG (prime / other):* S1 / - *rapporteur:* GRAETZ, Ingeborg SIEMENS AG  
*G: yes U:* *MCC:* CLAYTON, Michael

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

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R96 **02** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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<b>TS 02.01</b>	<b>Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)</b>						
R96	current version: 5.5.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation	
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael		
	history (event, available, version,						
	smg-16 20/10/1995	5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-17 02/02/1996	5 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	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>				

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<b>TS 02.02</b>	<b>Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)</b>						
R96	current version: 5.3.2	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Lucent Technologies Network Systems UK	
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael		
	history (event, available, version,						
	smg-16 20/10/1995	5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-18 12/04/1996	5 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	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>				

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<b>TS 02.03</b>	<b>Teleservices Supported by a GSM Public Land Mobile Network (PLMN)</b>						
R96	current version: 5.3.2	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael		
	history (event, available, version,						
	smg-17 02/02/1997	5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-19 28/06/1996	5 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	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>				

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## TS 02.04 General on Supplementary Services

R96 current version: 5.7.4

freeze\_meeting:

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul Lucent Technologies Network Systems UK

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	14/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	02/05/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
ETSI publication	28/08/1997	5	.	5	.	1
smg-22	13/06/1997	5	.	6	.	0
ETSI OAP	19/09/1997	5	.	6	.	1
ETSI publication	27/02/1998	5	.	6	.	2
smg-23	17/10/1997	5	.	7	.	0
smg-25	20/03/1998	5	.	7	.	1
ETSI publication	01/02/1998	5	.	7	.	2
smg-29	25/06/1999	5	.	7	.	3
ETSI publication	29/12/1999	5	.	7	.	4

[get it](#) remarks - general:

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

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## TS 02.06 Types of Mobile Stations (MS)

R96 current version: 5.2.1

freeze\_meeting:

WG (prime / other): S1 / - rapporteur: JEAL, David VODAFONE Group Plc

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0
ETSI publication	02/05/1997	5	.	0	.	1
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:

[get it](#)

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

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## TS 02.07 Mobile Station (MS) Features

R96 current version: 5.4.1

freeze\_meeting:

WG (prime / other): S1 / - rapporteur: JEAL, David VODAFONE Group Plc

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-17 02/02/1996 5 . 0 . 0

smg-18 12/04/1996 5 . 1 . 0

smg-20 11/10/1996 5 . 2 . 0

ETSI publication 02/05/1997 5 . 2 . 1

smg-22 13/06/1997 5 . 3 . 0

ETSI OAP 21/07/1997 5 . 3 . 1

ETSI publication 31/12/1997 5 . 3 . 2

smg-24 19/12/1997 5 . 4 . 0

ETSI publication 17/06/1998 5 . 4 . 1

[get it](#) remarks - general:

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

[get it](#)

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## TS 02.09 Security aspects

R96 current version: 5.2.1

freeze\_meeting:

WG (prime / other): S3 / S1 / rapporteur: CHRISTOFFERSSON, TELIA PROMOTOR AB

G: yes U: NP MCC: POPE, Maurice

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

ETSI publication 02/05/1997 5 . 0 . 1

smg-22 13/06/1997 5 . 1 . 0

edito 08/12/1997 5 . 1 . 1

smg-31 16/02/2000 5 . 2 . 0

ETSI publication 29/08/2000 5 . 2 . 1

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TS 02.11 Service Accessibility

R96 current version: 5.0.1

freeze\_meeting:

WG (prime / other): S1 / - rapporteur: EVEN, Anne France Telecom

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

ETSI publication 02/05/1997 5 . 0 . 1

[get it](#) remarks - general:

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

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

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## TS 02.16 International Mobile Station Equipment Identities (IMEI)

R96 *current version:* 5.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
smg-30 11/11/1999 5 . 1 . 0  
SP-08 23/06/2000 5 . 2 . 0

*WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom  
*G: yes U:* *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

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## TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

R96 *current version:* 5.1.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
ETSI publication 02/05/1997 5 . 0 . 1  
smg-27 16/10/1998 5 . 1 . 0  
ETSI publication 08/04/1999 5 . 1 . 1

*WG (prime / other):* T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD  
*G: yes U:* *MCC:* DIETZE, Claus  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

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## TS 02.22 Stage 1 for personalisation of GSM ME

R96 *current version:* 5.4.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-17 02/02/1996 5 . 0 . 0  
smg-19 28/06/1996 5 . 1 . 0  
smg-20 11/10/1996 5 . 2 . 0  
smg-23 17/10/1997 5 . 3 . 0  
smg-25 20/03/1998 5 . 3 . 1  
smg-26 26/06/1998 5 . 4 . 0

*WG (prime / other):* S1 / *rapporteur:* DURAND, Romain ALCATEL S.A.  
*G: yes U:* *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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## TS 02.24 Description of Charge Advice Information (CAI)

R96 *current version:* 5.0.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
ETSI publication 02/05/1997 5 . 0 . 1

*WG (prime / other):* S1 / *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)  
*G: yes U:* *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

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## TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96 current version: 5.7.1

freeze\_meeting:

WG (prime / other): S1 / rapporteur: JEAL, David VODAFONE Group Plc

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	12/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	3	.	1
ETSI publication	02/05/1997	5	.	3	.	2
smg-21	14/02/1997	5	.	4	.	0
ETSI publication	26/08/1997	5	.	4	.	1
smg-22	13/06/1997	5	.	5	.	0
ETSI OAP	19/09/1997	5	.	5	.	1
ETSI publication	27/02/1998	5	.	5	.	2
smg-23	17/10/1997	5	.	6	.	0
edito	06/01/1998	5	.	6	.	1
smg-24	19/12/1997	5	.	6	.	2
smg-28	12/02/1999	5	.	7	.	0
ETSI publication	04/08/1999	5	.	7	.	1

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

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## TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R96 current version: 5.2.1

freeze\_meeting:

WG (prime / other): S1 / rapporteur: KOKKOLA, Tommi NOKIA Corporation

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

draft	31/10/1995	0	.	0	.	0
draft	13/02/1996	0	.	1	.	0
draft	19/06/1996	0	.	2	.	0
draft	13/02/1996	0	.	5	.	0
smg-20	09/10/1996	5	.	0	.	0
ETSI publication	28/11/1996	5	.	0	.	1
smg-21	14/02/1997	5	.	1	.	0
smg-22	13/06/1997	5	.	2	.	0
ETSI publication	04/08/1997	5	.	2	.	1

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

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

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<b>TS 02.40</b>	<b>Procedures for Call Progress Indications</b>					
R96	current version: 5.0.0	WG (prime / other):	S1 / NP	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	
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<b>TS 02.41</b>	<b>Operator Determined Barring</b>					
R96	current version: 5.1.1	WG (prime / other):	S1 /	rapporteur:	...,	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-16 20/10/1995 5 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	smg-21 14/02/1997 5 . 1 . 0			<a href="#">get it</a>	remarks - this release:	
	smg-24 19/12/1997 5 . 1 . 1			<a href="#">get it</a>		
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<b>TS 02.42</b>	<b>Network Identity and Timezone (NITZ); Service Description, Stage 1</b>					
R96	current version: 5.1.0	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,					
	smg-19 28/06/1996 5 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	edito 08/10/1996 5 . 0 . 1			<a href="#">get it</a>	remarks - this release:	
	smg-24 19/12/1997 5 . 1 . 0			<a href="#">get it</a>		
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<b>TS 02.63</b>	<b>Packet Data on Signalling channels Service (PDS); Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-19 28/06/1996 5 . 0 . 0			<a href="#">get it</a>	remarks - general:	
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## TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
*freeze\_meeting:* G: yes U: *MCC:* CLAYTON, Michael

*history (event, available, version,*  
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-19 28/06/1996 5 . 0 . 1 [get it](#) *remarks - this release:*  
smg-20 11/10/1996 5 . 0 . 2 [get it](#)  
ETSI publication 03/06/1997 5 . 0 . 3 [get it](#)  
smg-22 13/06/1997 5 . 0 . 4 [get it](#)  
edito 05/12/1997 5 . 0 . 5 [get it](#)  
smg-29 25/06/1999 5 . 1 . 0 [get it](#)  
ETSI publication 29/12/1999 5 . 1 . 1 [get it](#)

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

*history (event, available, version,*  
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *remarks - this release:*  
smg-20 11/10/1996 5 . 1 . 1 [get it](#)  
smg-21 14/02/1997 5 . 1 . 2 [get it](#)  
smg-22 13/06/1997 5 . 1 . 3 [get it](#)  
smg-26 26/06/1998 5 . 2 . 0 [get it](#)  
publish ETS 300 01/12/1998 5 . 2 . 1 [get it](#)  
925

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

*history (event, available, version,*  
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0  
smg-20 11/10/1996 5 . 1 . 1 [get it](#)  
smg-21 14/02/1997 5 . 1 . 2 [get it](#)  
smg-22 13/06/1997 5 . 1 . 3 [get it](#)  
smg-26 26/06/1998 5 . 2 . 0 [get it](#)  
ETSI publication 01/12/1998 5 . 2 . 1 [get it](#)

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<b>TS 02.78</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)</b>					
R96	current version: 5.6.0	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-19 28/06/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
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	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>				
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<b>TS 02.79</b>	<b>Support of Optimal Routeing (SOR); Service definition (Stage 1)</b>					
R96	current version: 5.2.0	WG (prime / other): S1 / -	rapporteur: FREY, Sophie	Indicate persons who left Company and wait for new One		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-19 28/06/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-20 11/10/1996 5 . 1 . 0	<a href="#">get it</a>	remarks - this release: #19: 5.0.0 #20: 5.1.0 #28: 5.2.0			
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<b>TS 02.81</b>	<b>Line Identification Supplementary Services; Stage 1</b>					
R96	current version: 5.1.0	WG (prime / other): S1 / -	rapporteur: BLOMSTRAND, Ola	TELIA AB		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
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	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-24 19/12/1997 5 . 1 . 0	<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #24: 5.1.0			
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<b>TS 02.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-16 20/10/1995 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: #16: 5.0.0			

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<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:	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-20 11/10/1996 5 . 0 . 0					
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<b>TS 02.84</b>	<b>MultiParty (MPTY) Supplementary Services; Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-20 11/10/1996 5 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
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<b>TS 02.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-20 11/10/1996 5 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #20: 5.0.0		
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<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:	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-20 11/10/1996 5 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #20: 5.0.0		
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<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:	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-20 11/10/1996 5 . 0 . 0					
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<b>TS 02.90</b>	<b>Stage 1 Decision of Unstructured Supplementary Service Data (USSD)</b>								
R96	current version: 5.1.0	WG (prime / other):	S1 / -	rapporteur:	SLOTTE, Sverre	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-20 11/10/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-21 14/02/1997	5 . 1 . 0		<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #21: 5.1.0				
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<b>TS 02.91</b>	<b>Explicit Call Transfer (ECT)</b>								
R96	current version: 5.1.1	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG			
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	smg-17 02/02/1996	5 . 0 . 1		<a href="#">get it</a>	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		<a href="#">get it</a>					
	smg-21 14/02/1997	5 . 1 . 1		<a href="#">get it</a>					
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<b>TS 02.95</b>	<b>Support of Private Numbering Plan (SPNP); Service description; Stage 1</b>								
R96	current version: 5.2.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael				
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	smg-18 12/04/1996	5 . 1 . 0		<a href="#">get it</a>	remarks - this release: #16: 5.0.0 #18: 5.1.0 #19: 5.2.0				
	smg-19 28/06/1996	5 . 2 . 0		<a href="#">get it</a>					

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Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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<b>TS 03.01</b>	<b>Network Functions</b>								
R96	current version: 5.1.0	WG (prime / other):	S2 / NP	rapporteur:	GAASVIK, Per-Ola	COMVIQ GSM AB			
	freeze_meeting:	G: yes U:		MCC:	SULTAN, Alain				
	history (event, available, version,								
	smg-17 02/02/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general: SMG3->SA2 @ TSG#7				
	smg-18 12/04/1996	5 . 1 . 0		<a href="#">get it</a>	remarks - this release: #17: 5.0.0 #18: 5.1.0				

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## TS 03.02 Network Architecture

R96 current version: 5.3.0  
freeze\_meeting:

WG (prime / other): S2 / NP / rapporteur: SULTAN, Alain ETSI Secretariat  
T2

G: yes U: MCC: SULTAN, Alain

history (event, available, version,  
smg-17 02/02/1996 5 . 0 . 0  
smg-18 12/04/1996 5 . 1 . 0  
smg-23 17/10/1997 5 . 2 . 0  
smg-24 19/12/1997 5 . 3 . 0

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

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## TS 03.03 Numbering, Addressing and Identification

R96 current version: 5.4.1  
freeze\_meeting:

WG (prime / other): N4 / T2 rapporteur: GAASVIK, Per-Ola COMVIQ GSM AB  
G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,  
smg-17 5 . 0 . 0  
ETSI OAP 25/11/1996 5 . 0 . 1  
ETSI publication 02/05/1997 5 . 0 . 2  
smg-25 20/03/1998 5 . 1 . 0  
ETSI publication 23/10/1998 5 . 1 . 1  
smg-29 26/05/1999 5 . 2 . 0  
ETSI publication 22/11/1999 5 . 2 . 1  
NP-07 15/03/2000 5 . 3 . 0  
ETSI publication 15/11/2000 5 . 3 . 1  
NP-08 21/06/2000 5 . 4 . 0  
ETSI publication 04/01/2001 5 . 4 . 1

[get it](#) remarks - general:  
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## TR 03.05 Technical performance objectives

R96 current version: 5.0.0  
freeze\_meeting:

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

history (event, available, version,  
smg-20 11/10/1996 5 . 0 . 0

[get it](#) remarks - general:  
remarks - this release: #20: 5.0.0

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<b>TS 03.07</b>	<b>Restoration Procedures</b>					
R96	current version: 5.1.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting:	G: yes	U:	MCC:	Chalmers	
	history (event, available, version,				KYMALAINEN, Kimmo	
	smg-20 11/10/1996					
	smg-23 17/10/1997					
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:	#20: 5.0.0 #23: 5.1.0	

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<b>TS 03.08</b>	<b>Organization of Subscriber Data</b>					
R96	current version: 5.2.0	WG (prime / other):	N4 / -	rapporteur:	BAUER, Rolf	ALCATEL SEL AG
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
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	smg-18 12/04/1996					
	smg-21 14/02/1997					
	smg-23 17/10/1997					
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:		
		<a href="#">get it</a>				

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<b>TS 03.09</b>	<b>Handover Procedures</b>					
R96	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated
	freeze_meeting:	G: yes	U:	MCC:	Rouzbeh	
	history (event, available, version,				JORGENSEN, Per Johan	
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		<a href="#">get it</a>		remarks - this release:	#18: 5.0.0 #22: 5.1.0	

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<b>TS 03.10</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</b>					
R96	current version: 5.4.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David	
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	smg-21 14/02/1997					
	smg-22 13/06/1997					
	smg-23 17/10/1997					
	smg-24 19/12/1997					
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:		
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		<a href="#">get it</a>				
		<a href="#">get it</a>				

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<b>TS 03.11</b>	<b>Technical Realization of Supplementary Services - General Aspects</b>					
R96	current version: 5.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-20 11/10/1996			<a href="#">get it</a>	remarks - general:	
	ETSI publication 03/06/1997			<a href="#">get it</a>	remarks - this release: #20: 5.0.0	
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	5 . 0 . 1					
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<b>TS 03.12</b>	<b>Location Registration Procedures</b>					
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	GAASVIK, Per-Ola	COMVIQ GSM AB
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
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<b>TS 03.13</b>	<b>Discontinuous Reception (DRX) in the GSM System</b>					
R96	current version: 5.0.0	WG (prime / other):	G1 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
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<b>TS 03.14</b>	<b>Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System</b>					
R96	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	ZAUS, Robert	SIEMENS AG
	freeze_meeting:	G: yes U:		MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
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<b>TS 03.15</b>	<b>Technical Realization of Operator Determined Barring</b>					
R96	current version: 5.1.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting:	G: yes U:		MCC:	Chalmers KYMALAINEN, Kimmo	
	history (event, available, version,					
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	smg-21 14/02/1997			<a href="#">get it</a>	remarks - this release: #16: 5.0.0 #21: 5.1.0	
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## TS 03.16 Subscriber Data Management

R96 current version: 5.3.0

freeze\_meeting:

WG (prime / other): N4 / - rapporteur: DETTNER, Harald SIEMENS AG

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-18 12/04/1996 5 . 0 . 0

smg-21 14/02/1997 5 . 1 . 0

smg-23 17/10/1997 5 . 2 . 0

smg-26 26/06/1998 5 . 3 . 0

[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](#)

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## TS 03.18 Basic Call Handling

R96 current version: 5.6.0

freeze\_meeting:

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

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-21 14/02/1997 5 . 0 . 0

smg-22 13/06/1997 5 . 1 . 0

smg-23 17/10/1997 5 . 2 . 0

smg-24 19/12/1997 5 . 3 . 0

smg-25 20/03/1998 5 . 4 . 0

smg-26 26/06/1998 5 . 5 . 0

smg-27 16/10/1998 5 . 6 . 0

[get it](#) remarks - general:

[get it](#) remarks - this release: #21: 5.0.0 #22: 5.1.0 #23: 5.2.0 #24: 5.3.0 #25: 5.4.0 #26: 5.5.0 #27: 5.6.0

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## TS 03.20 Security-related Network Functions

R96 current version: 5.2.1

freeze\_meeting:

WG (prime / other): S3 / NP / rapporteur: NGUYEN NGOC, France Telecom

G: yes U: GP MCC: POPE, Maurice

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

smg-21 14/02/1997 5 . 1 . 0

smg-23 17/10/1997 5 . 2 . 0

smg-29 25/06/1999 5 . 2 . 1

[get it](#) remarks - general:

[get it](#) remarks - this release: SMG#29: CRs but postponed, then forgotten!

[get it](#)

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

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<b>TS 03.22</b>	<b>Functions related to Mobile Station (MS) in idle mode and group receive mode</b>					
R96	current version: 5.3.1	WG (prime / other):	G1 / N1	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:	G: yes U:		MCC:	Peter Skov USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and	
	ETSI publication 03/06/1997	5 . 0 . 1	<a href="#">get it</a>	remarks - this release:	group receive mode".	
	smg-21 14/02/1997	5 . 1 . 0	<a href="#">get it</a>			
	ETSI publication 15/09/1997	5 . 1 . 1	<a href="#">get it</a>			
	smg-22 13/06/1997	5 . 2 . 0	<a href="#">get it</a>			
	ETSI publication 31/12/1997	5 . 2 . 1	<a href="#">get it</a>			
	smg-26 26/06/1998	5 . 3 . 0	<a href="#">get it</a>			
	ETSI publication 10/12/1998	5 . 3 . 1	<a href="#">get it</a>			
<hr/>						
<b>TR 03.26</b>	<b>Multiband operation of GSM/DCS 1800 by a single operator</b>					
R96	current version: 5.2.0	WG (prime / other):	G1 / NP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:	G: yes U:		MCC:	Peter Skov USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-22 13/06/1997	5 . 1 . 0	<a href="#">get it</a>	remarks - this release:	#20: 5.0.0 #22: 5.1.0 #23: 5.2.0	
	smg-23 17/10/1997	5 . 2 . 0	<a href="#">get it</a>			
<hr/>						
<b>TR 03.30</b>	<b>Radio Network Planning Aspects</b>					
R96	current version: 5.0.0	WG (prime / other):	GP / -	rapporteur:	TEGTH, Ulf	TELIA AB
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
				remarks - this release:	#20: 5.0.0	
<hr/>						
<b>TS 03.32</b>	<b>Universal Geographical Area Description (GAD)</b>					
R96	current version: 5.2.0	WG (prime / other):	S2 / -	rapporteur:	SULTAN, Alain	ETSI Secretariat
	freeze_meeting:	G: yes U:		MCC:	SULTAN, Alain	
	history (event, available, version,					
	smg-23 17/10/1997	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-26 26/06/1998	5 . 1 . 0	<a href="#">get it</a>	remarks - this release:	#23: 5.0.0 #26: 5.1.0 #27: 5.2.0	
	smg-27 16/10/1998	5 . 2 . 0	<a href="#">get it</a>			

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

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## TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R96 current version: 5.2.0

freeze\_meeting:

history (event, available, version,

smg-21 14/02/1997 5 . 0 . 0

smg-26 26/06/1998 5 . 1 . 0

smg-28 12/02/1999 5 . 2 . 0

WG (prime / other): N1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:

[get it](#) remarks - this release: #21: 5.0.0 #26: 5.1.0 #28: 5.2.0

[get it](#)

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## TS 03.38 Alphabets and language-specific information

R96 current version: 5.6.1

freeze\_meeting:

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0

smg-17 02/02/1996 5 . 1 . 0

smg-18 12/04/1996 5 . 2 . 0

smg-19 28/06/1996 5 . 3 . 0

smg-20 11/10/1996 5 . 4 . 0

smg-21 14/02/1997 5 . 5 . 0

smg-22 13/06/1997 5 . 6 . 0

Editorial correction 13/07/1997 5 . 6 . 1

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited

G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

[get it](#) remarks - this release: #16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0

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## TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

R96 current version: 5.8.1

freeze\_meeting:

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0

smg-17 02/02/1996 5 . 1 . 0

smg-18 12/04/1996 5 . 2 . 0

smg-19 28/06/1996 5 . 3 . 0

smg-20 11/10/1996 5 . 4 . 0

smg-21 14/02/1997 5 . 5 . 0

smg-22 13/06/1997 5 . 6 . 0

smg-23 17/10/1997 5 . 7 . 0

smg-26 26/06/1998 5 . 8 . 0

Editorial change 26/07/1998 5 . 8 . 1

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited

G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

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

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## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* G: yes U: *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *remarks - this release:*  
smg-18 12/04/1996 5 . 2 . 0 [get it](#)  
smg-19 28/06/1996 5 . 3 . 0 [get it](#)  
smg-20 11/10/1996 5 . 4 . 0 [get it](#)  
ETSI publication 02/05/1997 5 . 4 . 1 [get it](#)  
smg-21 14/02/1997 5 . 5 . 0 [get it](#)  
ETSI publication 15/09/1997 5 . 5 . 1 [get it](#)  
smg-22 13/06/1997 5 . 6 . 0 [get it](#)  
ETSI publication 02/02/1998 5 . 6 . 1 [get it](#)  
smg-23 17/10/1997 5 . 7 . 0 [get it](#)  
smg-24 19/12/1997 5 . 8 . 0 [get it](#)  
ETSI publication 17/06/1998 5 . 8 . 1 [get it](#)  
smg-25 20/03/1998 5 . 9 . 0 [get it](#)  
ETSI publication 03/02/1999 5 . 9 . 1 [get it](#)

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## TS 03.42 SMS Compression

R96 *current version:* 5.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* G: yes U: *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
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:* #21: 5.0.0 #22: 5.1.0 #23: 5.2.0  
smg-23 17/10/1997 5 . 2 . 0 [get it](#)

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

*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #20: 5.0.0

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

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<b>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>								
R96	current version: 5.0.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version, smg-20 11/10/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release: #20: 5.0.0				
<hr/>									
<b>TS 03.45</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>								
R96	current version: 5.2.1	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-20 11/10/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	ETSI publication 02/05/1997	5 . 0 . 1		<a href="#">get it</a>	remarks - this release:				
	smg-21 14/02/1997	5 . 1 . 0		<a href="#">get it</a>					
	ETSI publication 26/08/1997	5 . 1 . 1		<a href="#">get it</a>					
	smg-22 13/06/1997	5 . 2 . 0		<a href="#">get it</a>					
	ETSI publication 02/02/1998	5 . 2 . 1		<a href="#">get it</a>					
<hr/>									
<b>TS 03.46</b>	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b>								
R96	current version: 5.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-20 11/10/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release:				
<hr/>									
<b>TR 03.47</b>	<b>Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)</b>								
R96	current version: 5.0.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version, smg-20 11/10/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release: #20: 5.0.0				

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

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<b>TR 03.49</b>	<b>Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)</b>								
R96	current version: 5.7.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat			
	freeze_meeting:								
	history (event, available, version,	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	smg-16 20/10/1995						<a href="#">get it</a>	remarks - general:	
	smg-18 12/04/1996						<a href="#">get it</a>	remarks - this release:	
	smg-19 28/06/1996						<a href="#">get it</a>		
	smg-20 11/10/1996						<a href="#">get it</a>		
	smg-21 14/02/1997						<a href="#">get it</a>		
	smg-22 13/06/1997						<a href="#">get it</a>		
	smg-23 17/10/1997						<a href="#">get it</a>		
	smg-24 19/12/1997						<a href="#">get it</a>		
<hr/>									
<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>								
R96	current version: 5.4.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting:								
	history (event, available, version,	G: yes	U:	MCC:	USAI, Paolino				
	smg-17 02/02/1996						<a href="#">get it</a>	remarks - general:	
	smg-20 11/10/1996						<a href="#">get it</a>	remarks - this release: #17: 5.0.0 #20: 5.0.1 #24: 5.0.3 #25: 5.1.0 #27: 5.2.0 #28: 5.3.0 #32:5.4.0	
	smg-24 19/12/1997						<a href="#">get it</a>		
	smg-25 20/03/1998						<a href="#">get it</a>		
	smg-27 16/10/1998						<a href="#">get it</a>		
	smg-28 12/02/1999						<a href="#">get it</a>		
	smg-32 20/06/2000						<a href="#">get it</a>		
<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>								
R96	current version: 5.2.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:								
	history (event, available, version,	G: yes	U:	MCC:	BOSWARTHICK, David				
	smg-23 17/10/1997						<a href="#">get it</a>	remarks - general:	
	smg-24 19/12/1997						<a href="#">get it</a>	remarks - this release: #23: 5.1.0 #24: 5.2.0	

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

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<b>TS 03.63</b>	<b>Packet Data on Signalling channels service (PDS) Service description, Stage 2</b>								
R96	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	JACOBSON, Dieter	T-MOBILE DEUTSCHLAND			
	freeze_meeting:	G: yes U:		MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-16 20/10/1995	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:				

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<b>TS 03.67</b>	<b>Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2</b>								
R96	current version: 5.1.1	WG (prime / other):	N4 / -	rapporteur:	MÜNNING, Dirk	DETECON GMBH			
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-16 20/10/1995	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-20 11/10/1996	5 . 1 . 0		<a href="#">get it</a>	remarks - this release: #16: 5.0.0 #20: 5.1.0				
	ETSI publication 03/06/1997	5 . 1 . 1		<a href="#">get it</a>					

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<b>TS 03.68</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>								
R96	current version: 5.5.1	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting:	G: yes U:		MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-16 20/10/1995	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: #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0				
	smg-20 11/10/1996	5 . 1 . 1		<a href="#">get it</a>					
	ETSI publication 03/06/1997	5 . 1 . 2		<a href="#">get it</a>					
	smg-21 14/02/1997	5 . 2 . 0		<a href="#">get it</a>					
	ETSI publication 26/08/1997	5 . 2 . 1		<a href="#">get it</a>					
	smg-23 17/10/1997	5 . 3 . 0		<a href="#">get it</a>					
	ETSI publication 07/04/1998	5 . 3 . 1		<a href="#">get it</a>					
	smg-24 19/12/1997	5 . 4 . 0		<a href="#">get it</a>					
	ETSI publication 23/07/1998	5 . 4 . 1		<a href="#">get it</a>					
	smg-26 26/06/1998	5 . 5 . 1		<a href="#">get it</a>					

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



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## TS 03.69 Voice Broadcast service (VBS); Stage 2

R96 current version: 5.5.1

freeze\_meeting:

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0

smg-18 12/04/1996 5 . 1 . 0

smg-20 11/10/1996 5 . 1 . 1

ETSI publication 03/06/1997 5 . 1 . 2

smg-21 14/02/1997 5 . 2 . 0

ETSI publication 26/08/1997 5 . 2 . 1

smg-23 17/10/1997 5 . 3 . 0

ETSI publication 07/04/1998 5 . 3 . 1

smg-24 19/12/1997 5 . 4 . 0

ETSI publication 23/10/1999 5 . 4 . 1

smg-26 26/06/1998 5 . 5 . 0

ETSI publication 10/12/1998 5 . 5 . 1

WG (prime / other): N1 / - rapporteur: MÜNNING, Dirk DETECON GMBH

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:

[get it](#) remarks - this release: #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0

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## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R96 current version: 5.0.0

freeze\_meeting:

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat

G: yes U: MCC: BOSWARTHICK, David

[get it](#) remarks - general: N3: "no R99 needed".

remarks - this release: #20: 5.0.0

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

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<b>TS 03.78</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2</b>					
R96	current version: 5.8.0	WG (prime / other):	N2 / -	rapporteur:	LANTELME, Isabelle	ALCATEL S.A.
	freeze_meeting:	G: yes	U:	MCC:	JURISIC, Andrijana	
	history (event, available, version,					
	smg-21 14/02/1997	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
ETSI publication	23/04/1997	5 . 0 . 1	<a href="#">get it</a>	remarks - this release:		
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>			

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<b>TS 03.79</b>	<b>Support of Optimal Routeing phase 1; Stage 2</b>					
R96	current version: 5.5.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting:	G: yes	U:	MCC:	Chalmers KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-21 14/02/1997	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
ETSI publication	02/05/1997	5 . 0 . 1	<a href="#">get it</a>	remarks - this release:	#21: 5.0.0 #22: 5.1.0 #24: 5.2.0 #25: 5.3.0 #27: 5.4.0 TSG#5: 5.5.0	
smg-22	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>			

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<b>TS 03.81</b>	<b>Line Identification Supplementary Services; Stage 2</b>					
R96	current version: 5.2.0	WG (prime / other):	N4 / -	rapporteur:	VACANT,	
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-20 11/10/1996	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
smg-24	19/12/1997	5 . 1 . 0	<a href="#">get it</a>	remarks - this release:	#20: 5.0.0 #24: 5.1.0 #26: 5.2.0	
smg-26	26/06/1998	5 . 2 . 0	<a href="#">get it</a>			

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<b>TS 03.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>				
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	POTHS, Annette
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:	Indicate persons who left Company and wait for new One
				remarks - this release:	#20: 5.0.0
<hr/>					
<b>TS 03.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2</b>				
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:	NORTEL NETWORKS (EUROPE)
				remarks - this release:	#20: 5.0.0
<hr/>					
<b>TS 03.84</b>	<b>Multi Party (MPY) Supplementary Services; Stage 2</b>				
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:	T-MOBILE DEUTSCHLAND
				remarks - this release:	#20: 5.0.0
<hr/>					
<b>TS 03.85</b>	<b>Closed user Group (CUG) Supplementary Services; Stage 2</b>				
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:	
				remarks - this release:	
<hr/>					
<b>TS 03.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 2</b>				
R96	current version: 5.0.1	WG (prime / other):	N4 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:	
	ETSI Publication 28/11/2000 5 . 0 . 1	<a href="#">get it</a>		remarks - this release:	#20: 5.0.0

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**TS 03.88 Call Barring (CB) supplementary services; Stage 2**

R96 current version: 5.0.0  
freeze\_meeting:  
history (event, available, version,  
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N4 / - rapporteur: HAMEL, Eric France Telecom  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
remarks - this release: #20: 5.0.0

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**TS 03.90 Unstructured Supplementary Service Data (USSD)**

R96 current version: 5.0.0  
freeze\_meeting:  
history (event, available, version,  
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil mm02 plc  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
remarks - this release: #20: 5.0.0

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**TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2**

R96 current version: 5.0.2  
freeze\_meeting:  
history (event, available, version,  
smg-16 20/10/1995 5 . 0 . 0  
smg-18 12/04/1996 5 . 0 . 1  
smg-19 28/06/1996 5 . 0 . 2

WG (prime / other): N4 / - rapporteur: DZUBAN, Stanislav SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #16: 5.0.0 #18: 5.0.1 #19: 5.0.2  
[get it](#)

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04 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles**

R96 current version: 5.0.0  
freeze\_meeting:  
history (event, available, version,  
smg-20 11/10/1996 5 . 0 . 0

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

[get it](#) remarks - general:  
remarks - this release: #20: 5.0.0

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<b>TS 04.02</b>	<b>GSM Public Land Mobile Network (PLMN) Access Reference Configuration</b>					
R96	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	JORGENSEN, Per Johan	
history (event, available, version,						
smg-18	12/04/1996	5	. 0 . 0	<a href="#">get it</a>	remarks - general:	
					remarks - this release:	#18: 5.0.0
<hr/>						
<b>TS 04.03</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</b>					
R96	current version: 5.3.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
smg-18	12/04/1996	5	. 0 . 0	<a href="#">get it</a>	remarks - general:	
smg-21	14/02/1997	5	. 1 . 0	<a href="#">get it</a>	remarks - this release:	
smg-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>		
<hr/>						
<b>TS 04.04</b>	<b>Layer 1 - General Requirements</b>					
R96	current version: 5.1.0	WG (prime / other):	G2 / -	rapporteur:	ISAACS, Ken	SIEMENS AG
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
smg-20	11/10/1996	5	. 0 . 0	<a href="#">get it</a>	remarks - general:	
ETSI publication	02/05/1997	5	. 0 . 1	<a href="#">get it</a>	remarks - this release:	
smg-24	19/12/1997	5	. 1 . 0	<a href="#">get it</a>		
<hr/>						
<b>TS 04.05</b>	<b>Data Link (DL) Layer General Aspects</b>					
R96	current version: 5.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
smg-20	11/10/1996	5	. 0 . 1	<a href="#">get it</a>	remarks - general:	
					remarks - this release:	#20: 5.0.0

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## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R96 current version: 5.4.1 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
freeze\_meeting: Peter Skov

G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0
ETSI publication	02/05/1997	5	.	0	.	1
smg-21	14/02/1997	5	.	1	.	0
ETSI publication	15/09/1997	5	.	1	.	1
smg-25	20/03/1998	5	.	2	.	0
ETSI publication	23/10/1998	5	.	2	.	1
smg-29	25/06/1999	5	.	3	.	0
ETSI publication	22/12/1999	5	.	3	.	1
smg-31	16/02/2000	5	.	4	.	0
ETSI Publication	28/11/2000	5	.	4	.	1

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
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## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R96 current version: 5.3.0 WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd  
freeze\_meeting: JORGENSEN, Per Johan

G: yes U:

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-20	11/10/1996	5	.	1	.	1
ETSI publication	05/05/1997	5	.	1	.	2
smg-21	14/02/1997	5	.	2	.	0
ETSI publication	19/12/1997	5	.	2	.	1
smg-24	19/12/1997	5	.	3	.	0

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[get it](#) remarks - this release:  
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## TS 04.08 Mobile radio interface layer 3 specification

R96 current version: 5.18.1

freeze\_meeting:

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	12/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	13/05/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
smg-22	13/06/1997	5	.	6	.	0
ETSI OAP	19/09/1997	5	.	6	.	2
ETSI publication	27/02/1998	5	.	6	.	3
smg-23	17/10/1997	5	.	7	.	0
smg-24	19/12/1997	5	.	8	.	0
smg-25	20/03/1998	5	.	9	.	0
ETSI publication	23/10/1998	5	.	9	.	1
smg-26	26/06/1998	5	.	10	.	0
ETSI publication	16/12/1998	5	.	10	.	1
smg-27	16/10/1998	5	.	11	.	0
ETSI publication	23/03/1999	5	.	11	.	1
smg-28	12/02/1999	5	.	12	.	0
smg-29	25/06/1999	5	.	13	.	0
ETSI publication	05/10/1999	5	.	13	.	1
ETSI publication	22/12/1999	5	.	13	.	1
smg-30	11/11/1999	5	.	14	.	0
ETSI publication	09/05/2000	5	.	14	.	1
NP-07	15/03/2000	5	.	15	.	0
ETSI publication	05/10/2000	5	.	15	.	1
smg-31 bis	17/04/2000	5	.	16	.	0
smg-32	20/06/2000	5	.	17	.	0
GP-01	12/10/2000	5	.	18	.	0
edito	02/11/2000	5	.	18	.	1

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remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

remarks - this release: Thomasen (even numbered CRs!)

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<b>TS 04.10</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects</b>						
R96	current version: 5.0.1	WG (prime / other):	N4 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:				Peter Skov		
		G: yes	U:	MCC:	KYMALAINEN, Kimmo		
history (event, available, version,						remarks - general:	
smg-20	11/10/1996	5	.	0	.	0	remarks - this release:
edito		5	.	0	.	1	<a href="#">get it</a>

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<b>TS 04.11</b>	<b>Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface</b>						
R96	current version: 5.3.0	WG (prime / other):	N1 / -	rapporteur:	NOBUYUKI, Uda	NTT COMWARE Corporation	
	freeze_meeting:			MCC:	JORGENSEN, Per Johan		
		G: yes	U:				
history (event, available, version,						remarks - general:	
smg-16	20/10/1995	5	.	0	.	0	remarks - this release: #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.2.0 TSG#9:5.3.0
smg-17	02/02/1996	5	.	1	.	0	<a href="#">get it</a>
smg-20	11/10/1996	5	.	1	.	1	<a href="#">get it</a>
smg-21	14/02/1997	5	.	2	.	0	<a href="#">get it</a>
ETSI publication	15/09/1997	5	.	2	.	1	<a href="#">get it</a>
NP-09	24/10/2000	5	.	3	.	0	<a href="#">get it</a>

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<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>						
R96	current version: 5.0.2	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:				Peter Skov		
		G: yes	U:	MCC:	THOMASEN, Gert		
history (event, available, version,						remarks - general:	
smg-19	28/06/1996	5	.	0	.	0	remarks - this release: #19: 5.0.0 #20: 5.0.1
smg-20	11/10/1996	5	.	0	.	1	<a href="#">get it</a>
ETSI Publication	28/11/2000	5	.	0	.	2	<a href="#">get it</a>

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<b>TS 04.13</b>	<b>Performance Requirements on Mobile Radio Interface</b>						
R96	current version: 5.1.1	WG (prime / other):	N1 / -	rapporteur:	PUDNEY, Chris	VODAFONE Group Plc	
	freeze_meeting:			MCC:	JORGENSEN, Per Johan		
		G: yes	U:				
history (event, available, version,						remarks - general:	
smg-18	12/04/1996	5	.	0	.	0	remarks - this release: #18: 5.0.0 #20: 5.1.0
smg-20	11/10/1996	5	.	1	.	0	<a href="#">get it</a>
ETSI Publication	28/11/2000	5	.	1	.	1	<a href="#">get it</a>

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<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:	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-26 26/06/1998	5	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-27 16/10/1998	5	.	1	.	0	<a href="#">get it</a>	remarks - this release: #26: 5.0.0 #27: 5.1.0	
<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:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-20 11/10/1996	5	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-21 14/02/1997	5	.	1	.	0	<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0 #25: 5.5.0 #27: 5.6.0	
								TSG#8:5.7.0	
	smg-22 13/06/1997	5	.	2	.	0	<a href="#">get it</a>		
	smg-23 17/10/1997	5	.	3	.	0	<a href="#">get it</a>		
	smg-24 19/12/1997	5	.	4	.	0	<a href="#">get it</a>		
	smg-25 20/03/1998	5	.	5	.	0	<a href="#">get it</a>		
	smg-27 16/10/1998	5	.	6	.	0	<a href="#">get it</a>		
	NP-08 21/06/2000	5	.	7	.	0	<a href="#">get it</a>		
<hr/>									
<b>TS 04.22</b>	<b>Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services</b>								
R96	current version: <b>Switching Centre (BSS - MSC) interface</b>	5.6.1	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting:		G: yes	U:		MCC:	BOSWARTHICK, David		
	history (event, available, version,								
	smg-16 20/10/1995	5	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-20 11/10/1996	5	.	0	.	1	<a href="#">get it</a>	remarks - this release: #16: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #25: 5.4.0 #27: 5.5.0	
								tsg#6: 5.6.0	
	smg-21 14/02/1997	5	.	1	.	0	<a href="#">get it</a>		
	smg-22 13/06/1997	5	.	2	.	0	<a href="#">get it</a>		
	smg-23 17/10/1997	5	.	3	.	0	<a href="#">get it</a>		
	smg-25 20/03/1998	5	.	4	.	0	<a href="#">get it</a>		
	smg-27 16/10/1998	5	.	5	.	0	<a href="#">get it</a>		
	NP-06 13/12/1999	5	.	6	.	0	<a href="#">get it</a>		
	ETSI publication 17/07/2000	5	.	6	.	1	<a href="#">get it</a>		

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**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:* *G:* yes *U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**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:* MÜNNING, Dirk DETECON GMBH  
*freeze\_meeting:* *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 28/11/2000 5 . 0 . 1 [get it](#) *remarks - this release:* #20: 5.0.0

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**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:* *G:* yes *U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:*  
smg-27 16/10/1998 5 . 1 . 0 [get it](#)  
smg-28 12/02/1999 5 . 2 . 0 [get it](#)  
smg-29 25/06/1999 5 . 3 . 0 [get it](#)  
smg-30 11/11/1999 5 . 4 . 0 [get it](#)  
NP-07 15/03/2000 5 . 5 . 0 [get it](#)

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**TS 04.69 Broadcast Call Control (BCC) protocol**  
R96 *current version:* 5.5.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* *G:* yes *U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-27 16/10/1998 5 . 1 . 0 [get it](#) *remarks - this release:*  
smg-28 12/02/1999 5 . 2 . 0 [get it](#)  
smg-29 25/06/1999 5 . 3 . 0 [get it](#)  
smg-30 11/11/1999 5 . 4 . 0 [get it](#)  
NP-07 15/03/2000 5 . 5 . 0 [get it](#)

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<b>TS 04.80</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding</b>					
R96	current version: 5.3.1	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-18 12/04/1996	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-20 11/10/1996	5 . 0 . 1	<a href="#">get it</a>	remarks - this release:		
	smg-24 19/12/1997	5 . 1 . 0	<a href="#">get it</a>			
	smg-25 20/03/1998	5 . 2 . 0	<a href="#">get it</a>			
	smg-28 12/02/1999	5 . 3 . 0	<a href="#">get it</a>			
	ETSI Publication 12/03/1999	5 . 3 . 1	<a href="#">get it</a>			
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<b>TS 04.81</b>	<b>Line Identification Supplementary Services; Stage 3</b>					
R96	current version: 5.0.1	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-20 11/10/1996	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI Publication 11/11/1996	5 . 0 . 1	<a href="#">get it</a>	remarks - this release: #20: 5.0.0		
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<b>TS 04.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 3</b>					
R96	current version: 5.0.1	WG (prime / other): N4 / -	rapporteur: POTHS, Annette	Indicate persons who left Company and wait for new One		
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-20 11/10/1996	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI Publication 11/11/1996	5 . 0 . 1	<a href="#">get it</a>	remarks - this release: #20: 5.0.0		
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<b>TS 04.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3</b>					
R96	current version: 5.0.1	WG (prime / other): N4 / -	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-20 11/10/1996	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI Publication 11/11/1996	5 . 0 . 1	<a href="#">get it</a>	remarks - this release: #20: 5.0.0		
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G = required in systems with GERAN acces; U = required in systems with UMTS

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<b>TS 04.84</b>	<b>Multi Party (MPY) Supplementary Services; Stage 3</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>	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI Publication 11/11/1996 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release: #20: 5.0.0</i>		
<b>TS 04.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 3</b>				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release: #20: 5.0.0</i>		
<b>TS 04.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 3</b>				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	ETSI Secretariat	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI Publication 11/11/1996 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release: #20: 5.0.0</i>		
<b>TS 04.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 3</b>				
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HAMEL, Eric	France Telecom	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-24 19/12/1997 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release: #20: 5.0.0 #24: 5.1.0</i>		
	ETSI Publication 19/01/1998 5 . 1 . 1	<a href="#">get it</a>			
<b>TS 04.90</b>	<b>Unstructured Supplementary Service Data (USSD)</b>				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	ETSI Secretariat	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI Publication 11/11/1996 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release: #20: 5.0.0</i>		

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## TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R96 current version: 5.1.2

freeze\_meeting:

history (event, available, version,

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 / -

G: yes U:

rapporteur: DZUBAN, Stanislav

MCC: KYMALAINEN, Kimmo

SIEMENS AG

[get it](#) remarks - general:

[get it](#) remarks - this release: #16: 5.0.0 #17: 5.1.0

[get it](#)

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05 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.01 Physical Layer on the Radio Path (General Description)

R96 current version: 5.4.0

freeze\_meeting:

history (event, available, version,

smg-18 12/04/1996 5 . 0 . 0

smg-20 11/10/1996 5 . 1 . 0

smg-21 14/02/1997 5 . 2 . 0

smg-22 13/06/1997 5 . 3 . 0

smg-25 20/03/1998 5 . 4 . 0

WG (prime / other): G1 / -

G: yes U:

rapporteur: JOKINEN, Harri

MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

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[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

R96 current version: 5.10.0

freeze\_meeting:

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

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

history (event, available, version,

smg-18 12/04/1996 5 . 0 . 0

[get it](#) remarks - general:

smg-19 28/06/1996 5 . 1 . 0

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

smg-20 11/10/1996 5 . 2 . 0

[get it](#)

ETSI publication 13/05/1997 5 . 2 . 1

[get it](#)

smg-21 14/02/1997 5 . 3 . 0

[get it](#)

ETSI publication 26/08/1997 5 . 3 . 1

[get it](#)

smg-22 13/06/1997 5 . 4 . 0

[get it](#)

ETSI publication 31/12/1997 5 . 4 . 1

[get it](#)

smg-23 17/10/1997 5 . 5 . 0

[get it](#)

smg-25 20/03/1998 5 . 6 . 0

[get it](#)

ETSI publication 23/10/1998 5 . 6 . 1

[get it](#)

smg-26 26/06/1998 5 . 7 . 0

[get it](#)

ETSI publication 10/12/1998 5 . 7 . 1

[get it](#)

smg-28 12/02/1999 5 . 8 . 0

[get it](#)

ETSI publication 04/08/1999 5 . 8 . 1

[get it](#)

GP-01 09/10/2000 5 . 9 . 0

[get it](#)

GP-06 01/10/2001 5 . 10 . 0

[get it](#)

## TS 05.03 Channel coding

R96 current version: 5.6.0

freeze\_meeting:

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

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

history (event, available, version,

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: #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

smg-19 26/06/1996 5 . 2 . 0

[get it](#)

smg-20 11/10/1996 5 . 2 . 1

[get it](#)

ETSI publication 12/05/1997 5 . 2 . 2

[get it](#)

smg-21 14/02/1997 5 . 3 . 0

[get it](#)

ETSI publication 26/08/1997 5 . 3 . 1

[get it](#)

smg-23 17/10/1997 5 . 4 . 0

[get it](#)

smg-25 20/03/1998 5 . 5 . 0

[get it](#)

ETSI publication 23/10/1998 5 . 5 . 1

[get it](#)

GP-01 09/10/2000 5 . 6 . 0

[get it](#)

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## TS 05.04 Modulation

R96 current version: 5.1.1

freeze\_meeting:

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

ETSI publication 13/05/1997 5 . 0 . 1

smg-30 11/11/1999 5 . 1 . 0

ETSI Publication 11/12/1999 5 . 1 . 1

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](#)

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## TS 05.05 Radio Transmission and Reception

R96 current version: 5.13.0

freeze\_meeting:

history (event, available, version,

smg-17 02/02/1996 5 . 0 . 0

smg-18 12/04/1996 5 . 1 . 0

smg-19 28/06/1996 5 . 2 . 0

smg-20 11/10/1996 5 . 3 . 0

ETSI publication 13/05/1997 5 . 3 . 1

smg-21 14/02/1997 5 . 4 . 0

ETSI publication 26/08/1997 5 . 4 . 1

smg-22 13/06/1997 5 . 5 . 0

ETSI publication 02/02/1998 5 . 5 . 1

smg-23 17/10/1997 5 . 6 . 0

smg-24 19/12/1997 5 . 7 . 0

ETSI publication 17/06/1998 5 . 7 . 1

smg-25 20/03/1998 5 . 8 . 0

ETSI publication 23/10/1998 5 . 8 . 1

smg-26 26/06/1998 5 . 9 . 0

ETSI publication 11/12/1998 5 . 9 . 1

smg-27 16/10/1998 5 . 10 . 0

ETSI publication 09/03/1999 5 . 10 . 1

smg-29 25/06/1999 5 . 11 . 0

ETSI publication 22/12/1999 5 . 11 . 1

smg-30 11/11/1999 5 . 12 . 0

GP-01 09/10/2000 5 . 13 . 0

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

MCC: USAI, Paolino

G: yes U:

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

[get it](#)

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## TS 05.08 Radio Subsystem Link Control

R96 current version: 5.10.0

freeze\_meeting:

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-19	28/06/1996	5	.	1	.	0
smg-20	11/10/1996	5	.	2	.	0
ETSI publication	03/06/1997	5	.	2	.	1
smg-21	14/02/1997	5	.	3	.	0
ETSI publication	26/08/1997	5	.	3	.	1
smg-22	13/06/1997	5	.	4	.	0
ETSI publication	31/12/1997	5	.	4	.	1
smg-23	17/10/1997	5	.	5	.	0
smg-24	19/12/1997	5	.	6	.	0
ETSI publication	17/06/1998	5	.	6	.	1
smg-25	20/03/1998	5	.	7	.	0
ETSI publication	23/10/1998	5	.	7	.	1
smg-26	26/06/1998	5	.	8	.	0
ETSI publication	10/12/1998	5	.	8	.	1
smg-27	16/10/1998	5	.	9	.	0
ETSI publication	09/03/1999	5	.	9	.	1
GP-01	10/10/2000	5	.	10	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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## TS 05.10 Radio subsystem synchronization

R96 current version: 5.4.1

freeze\_meeting:

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

MCC: USAI, Paolino

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
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

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remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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**TR 05.22 Radio link management in hierarchical networks**  
R96 *current version:* 5.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
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

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**TR 05.50 Background for RF Requirements**  
R96 *current version:* 5.1.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
smg-21 14/02/1997 5 . 1 . 0  
smg-23 17/10/1997 5 . 1 . 1

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*G: yes U:* *MCC:* Peter Skov  
USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #23: 5.1.1  
[get it](#)

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**TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations**  
R96 *current version:* 5.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-20 28/05/1998 5 . 0 . 0 No proper source file available

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

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

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R96 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.01 Full Rate Speech Processing Functions**  
R96 *current version:* 5.1.1  
*freeze\_meeting:*  
*history (event, available, version,*  
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 ETSI Secretariat  
*G: yes U:* *MCC:* USAI, Paolino

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

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<b>TS 06.02</b>	<b>Half Rate Speech Processing Functions</b>						
R96	current version: 5.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-20 11/10/1996						<a href="#">get it</a> remarks - general:
	ETSI Publication 11/11/1996						<a href="#">get it</a> remarks - this release: #20: 5.0.0
	5 . 0 . 0						
	5 . 0 . 1						
<hr/>							
<b>TS 06.06</b>	<b>Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec</b>						
R96	current version: 5.1.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-20 11/10/1996						<a href="#">get it</a> remarks - general:
	smg-22 13/06/1997						<a href="#">get it</a> remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.1.1
	smg-23 17/10/1997						<a href="#">get it</a>
	5 . 0 . 0						
	5 . 1 . 0						
	5 . 1 . 1						
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<b>TS 06.07</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>						
R96	current version: 5.2.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-20 11/10/1996						<a href="#">get it</a> remarks - general:
	smg-22 13/06/1997						<a href="#">get it</a> remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.2.0
	smg-23 17/10/1997						<a href="#">get it</a>
	ETSI Publication 17/11/1997						<a href="#">get it</a>
	5 . 0 . 0						
	5 . 1 . 0						
	5 . 2 . 0						
	5 . 2 . 1						
<hr/>							
<b>TR 06.08</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>						
R96	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-20 11/10/1996						<a href="#">get it</a> remarks - general:
							remarks - this release: #20: 5.0.0
	5 . 0 . 0						
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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<b>TS 06.10</b>	<b>Full Rate Speech Transcoding</b>					
R96	current version: 5.3.0	WG (prime / other):	S4 / -	rapporteur:	LORENZ, Dietmar	PHILIPS Semiconductors
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996			<a href="#">get it</a>	remarks - general:	
	smg-23 17/10/1997			<a href="#">get it</a>	remarks - this release:	
	smg-32 20/06/2000			<a href="#">get it</a>		
	ETSI Publication 04/01/2001			<a href="#">get it</a>		
	SP-12 29/06/2001			<a href="#">get it</a>		

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<b>TS 06.11</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>					
R96	current version: 5.0.1	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996			<a href="#">get it</a>	remarks - general:	
	smg-23 17/10/1997			<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #23: 5.0.1	

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<b>TS 06.12</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>					
R96	current version: 5.1.0	WG (prime / other):	S4 / -	rapporteur:	SERENO, Daniele	TELECOM ITALIA S.p.A.
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996			<a href="#">get it</a>	remarks - general:	
	ETSI Publication 11/11/1996			<a href="#">get it</a>	remarks - this release: #20: 5.0.0	
	SP-12 29/06/2001			<a href="#">get it</a>		

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<b>TS 06.20</b>	<b>Half Rate Speech Transcoding</b>					
R96	current version: 5.1.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996			<a href="#">get it</a>	remarks - general:	
	smg-22 13/06/1997			<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #22: 5.1.0	
	ETSI Publication 13/07/1997			<a href="#">get it</a>		

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Server ACTIVE specs R96 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

<b>TS 06.21</b>	<b>Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels</b>								
R96	current version: 5.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-20 11/10/1996	5	. 0 . 0	<a href="#">get it</a>	remarks - general:				
	ETSI Publication 11/11/1996	5	. 0 . 1	<a href="#">get it</a>	remarks - this release: #20: 5.0.0				
<b>TS 06.22</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>								
R96	current version: 5.1.0	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-20 11/10/1996	5	. 0 . 0	<a href="#">get it</a>	remarks - general:				
	smg-22 13/06/1997	5	. 1 . 0	<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #22: 5.1.0				
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>								
R96	current version: 5.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-20 11/10/1996	5	. 0 . 0	<a href="#">get it</a>	remarks - general:				
	smg-23 17/10/1997	5	. 0 . 1	<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #23: 5.0.1				
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>								
R96	current version: 5.0.3	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-20 11/10/1996	5	. 0 . 0	<a href="#">get it</a>	remarks - general:				
	smg-23 17/10/1997	5	. 0 . 2	<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #23: 5.0.2				
	ETSI Publication 17/11/1997	5	. 0 . 3	<a href="#">get it</a>					
<b>TS 06.41</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>								
R96	current version: 5.1.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-20 11/10/1996	5	. 0 . 0	<a href="#">get it</a>	remarks - general:				
	smg-22 13/06/1997	5	. 0 . 1	<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #22: 5.0.1 #23: 5.1.0				
	smg-23 17/10/1997	5	. 1 . 0	<a href="#">get it</a>					
	ETSI Publication 17/11/1997	5	. 1 . 1	<a href="#">get it</a>					

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<b>TS 06.42</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>								
R96	current version: 5.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul			Indicate persons who left Company and wait for new One	
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-20 11/10/1996			<a href="#">get it</a>	remarks - general:				
	smg-22 13/06/1997	5 . 0 . 0		<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #22: 5.0.1				

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<b>TS 06.51</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>								
R96	current version: 5.3.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari			NOKIA Corporation	
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-17 02/02/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-19 28/06/1996	5 . 1 . 0		<a href="#">get it</a>	remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #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>					

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<b>TS 06.53</b>	<b>ANSI-C code for the GSM Enhanced full rate speech codec</b>								
R96	current version: 5.1.3	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari			NOKIA Corporation	
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-17 02/02/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-19 28/06/1996	5 . 1 . 0		<a href="#">get it</a>	remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3				
	smg-20 11/10/1996	5 . 1 . 1		<a href="#">get it</a>					
	smg-23 17/10/1997	5 . 1 . 3		<a href="#">get it</a>					

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<b>TS 06.54</b>	<b>Test sequences for the GSM Enhanced Full Rate (EFR)</b>								
R96	current version: 5.3.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari			NOKIA Corporation	
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-20 11/10/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-22 13/06/1997	5 . 1 . 0		<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #22: 5.1.0 #32:5.2.0 TSG#10:5.3.0				
	ETSI publication 27/02/1998	5 . 1 . 1		<a href="#">get it</a>					
	smg-32 20/06/2000	5 . 2 . 0		<a href="#">get it</a>					
	SP-10 20/12/2000	5 . 3 . 0		<a href="#">get it</a>					

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**TR 06.55 Performance characterisation of the GSM EFR Speech Codec**  
R96 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #19: 5.0.0

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**TS 06.60 Enhanced full rate speech transcoding**  
R96 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
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 #25: 5.2.0  
smg-20 11/10/1996 5 . 1 . 1 [get it](#)  
smg-23 17/10/1997 5 . 1 . 3 [get it](#)  
smg-25 20/03/1998 5 . 2 . 0 [get it](#)  
ETSI Publication 20/04/1998 5 . 2 . 1 [get it](#)

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**TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels**  
R96 *current version:* 5.1.2 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
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  
smg-20 11/10/1996 5 . 1 . 1 [get it](#)  
ETSI Publication 11/11/1996 5 . 1 . 2 [get it](#)

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**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:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
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](#)  
smg-23 17/10/1997 5 . 1 . 3 [get it](#)

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<b>TS 06.81</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>					
R96	current version: 5.2.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
history (event, available, version,						
smg-17	02/02/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
smg-19	28/06/1996	5 . 1 . 0		<a href="#">get it</a>	remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0	
smg-20	11/10/1996	5 . 1 . 1		<a href="#">get it</a>		
smg-22	13/06/1997	5 . 1 . 2		<a href="#">get it</a>		
smg-30	11/11/1999	5 . 2 . 0		<a href="#">get it</a>		
ETSI Publication	09/05/2000	5 . 2 . 1		<a href="#">get it</a>		

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<b>TS 06.82</b>	<b>Voice Activity Detection (VAD) for enhanced full rate speech traffic channels</b>					
R96	current version: 5.0.3	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
history (event, available, version,						
smg-17	02/02/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
smg-20	11/10/1996	5 . 0 . 2		<a href="#">get it</a>	remarks - this release: #17: 5.0.0 #20: 5.0.2 #22: 5.0.3	
smg-22	13/06/1997	5 . 0 . 3		<a href="#">get it</a>		

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<b>TR 06.85</b>	<b>Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation</b>					
R96	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
history (event, available, version,						
smg-26	26/06/1998	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
					remarks - this release: #26: 5.0.0	

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07 .- series

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## TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R96 *current version:* 5.9.1 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
smg-16 20/10/1995 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 #18: 5.1.0 #19: 5.2.0 #20: 5.3.0 #21: 5.4.0 #22: 5.5.0  
#23: 5.6.0 #24: 5.7.0 #25: 5.8.0 #28: 5.9.0

smg-18 12/04/1996 5 . 1 . 1 [get it](#)  
smg-19 28/06/1996 5 . 2 . 0 [get it](#)  
smg-20 11/10/1996 5 . 3 . 0 [get it](#)  
smg-21 14/02/1997 5 . 4 . 0 [get it](#)  
smg-22 13/06/1997 5 . 5 . 0 [get it](#)  
smg-23 17/10/1997 5 . 6 . 0 [get it](#)  
smg-24 19/12/1997 5 . 7 . 0 [get it](#)  
smg-25 20/03/1998 5 . 8 . 0 [get it](#)  
smg-28 12/02/1999 5 . 9 . 0 [get it](#)  
ETSI Publication 12/03/1999 5 . 9 . 1 [get it](#)

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## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R96 *current version:* 5.5.1 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
smg-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 #20: 5.1.1 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0  
smg-20 11/10/1996 5 . 1 . 1 [get it](#)  
smg-21 14/02/1997 5 . 2 . 0 [get it](#)  
smg-22 13/06/1997 5 . 3 . 0 [get it](#)  
smg-23 17/10/1997 5 . 4 . 0 [get it](#)  
smg-24 19/12/1997 5 . 5 . 0 [get it](#)  
ETSI Publication 19/01/1998 5 . 5 . 1 [get it](#)

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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R96 current version: 5.4.1 WG (prime / other): N3 / - rapporteur: WIJK, Rune Werner Telefon AB LM Ericsson  
freeze\_meeting: G: yes U: MCC: BOSWARTHICK, David

history (event, available, version,  
smg-18 12/04/1996 5 . 0 . 0 [get it](#) remarks - general:  
smg-20 11/10/1996 5 . 0 . 1 [get it](#) remarks - this release: #18: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0  
smg-21 14/02/1997 5 . 1 . 0 [get it](#)  
smg-22 13/06/1997 5 . 2 . 0 [get it](#)  
smg-23 17/10/1997 5 . 3 . 0 [get it](#)  
smg-24 19/12/1997 5 . 4 . 0 [get it](#)  
ETSI Publication 19/01/1998 5 . 4 . 1 [get it](#)

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## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R96 current version: 5.5.0 WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited  
freeze\_meeting: G: yes U: MCC: RODERMUND, Friedhelm

history (event, available, version,  
smg-19 28/06/1996 5 . 0 . 0 [get it](#) remarks - general:  
smg-20 11/10/1996 5 . 1 . 0 [get it](#) remarks - this release: #19: 5.0.0 #20: 5.1.0 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0  
smg-21 14/02/1997 5 . 2 . 0 [get it](#)  
smg-22 13/06/1997 5 . 3 . 0 [get it](#)  
smg-23 17/10/1997 5 . 4 . 0 [get it](#)  
smg-24 19/12/1997 5 . 5 . 0 [get it](#)

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## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R96 current version: 5.9.1 WG (prime / other): T2 / - rapporteur: VACANT,  
freeze\_meeting: G: yes U: MCC: RODERMUND, Friedhelm

history (event, available, version,  
smg-19 28/06/1996 5 . 0 . 0 [get it](#) remarks - general:  
smg-20 11/10/1996 5 . 1 . 0 [get it](#) remarks - this release:  
smg-21 14/02/1997 5 . 2 . 0 [get it](#)  
smg-22 13/06/1997 5 . 3 . 0 [get it](#)  
smg-23 17/10/1997 5 . 4 . 0 [get it](#)  
smg-24 19/12/1997 5 . 5 . 0 [get it](#)  
smg-25 20/03/1998 5 . 6 . 0 [get it](#)  
smg-26 26/06/1998 5 . 7 . 0 [get it](#)  
smg-27 16/10/1998 5 . 8 . 0 [get it](#)  
smg-29 25/06/1999 5 . 9 . 0 [get it](#)  
ETSI Publication 25/07/1999 5 . 9 . 1 [get it](#)

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**TS 07.08 GSM Application Programming Interface**

R96 *current version:* 5.2.1  
*freeze\_meeting:*

*WG (prime / other):* T2 / - *rapporteur:* RODERMUND, ETSI Secretariat  
Friedhelm  
*G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

smg-20 11/10/1996 5 . 0 . 0

smg-21 14/02/1997 5 . 1 . 0

smg-24 19/12/1997 5 . 2 . 0

ETSI Publication 19/01/1998 5 . 2 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #24: 5.2.0  
[get it](#)  
[get it](#)

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**TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS**

R96 *current version:* 5.1.0  
*freeze\_meeting:*

*WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd  
BOSWARTHICK, David  
*G: yes U:* *MCC:*

*history (event, available, version,*

smg-24 19/12/1997 5 . 1 . 0

[get it](#) *remarks - general:*  
*remarks - this release:* #24: 5.1.0

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R96

08 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.01 General Aspects on the BSS-MSC Interface**

R96 *current version:* 5.0.0  
*freeze\_meeting:*

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

*history (event, available, version,*

smg-20 11/10/1996 5 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:* #20: 5.0.0

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**TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles**

R96 *current version:* 5.1.0  
*freeze\_meeting:*

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

*history (event, available, version,*

smg-20 11/10/1996 5 . 0 . 0

smg-21 14/02/1997 5 . 1 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0

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

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<b>TS 08.04</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>								
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-20 11/10/1996	5	.	0	.	0		<a href="#">get it</a>	remarks - general:
									remarks - this release: #20: 5.0.0
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<b>TS 08.06</b>	<b>Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface</b>								
R96	current version: 5.3.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-17 02/02/1996	5	.	0	.	0		<a href="#">get it</a>	remarks - general:
	smg-18 12/04/1996	5	.	1	.	0		<a href="#">get it</a>	remarks - this release: #17: 5.0.0 #18: 5.1.0 #25: 5.2.0 #28: 5.3.0
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	smg-28 12/02/1999	5	.	3	.	0		<a href="#">get it</a>	
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<b>TS 08.08</b>	<b>Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>								
R96	current version: 5.12.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
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	smg-20 11/10/1996	5	.	4	.	0		<a href="#">get it</a>	
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	smg-22 13/06/1997	5	.	6	.	0		<a href="#">get it</a>	
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		5	.	8	.	0			
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	smg-29 29/06/1998	5	.	10	.	0		<a href="#">get it</a>	
	smg-29 25/06/1999	5	.	11	.	0		<a href="#">get it</a>	
	smg-31 bis 17/04/2000	5	.	12	.	0		<a href="#">get it</a>	

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<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>	G: yes U:	<i>MCC:</i> THOMASEN, Gert							
	<i>history (event, available, version,</i>									
	smg-24 19/12/1997	5 . 0 . 0	withdrawn smg-25	<a href="#">get it</a>	<i>remarks - general:</i>					
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<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>	G: yes U:	<i>MCC:</i> BOSWARTHICK, David							
	<i>history (event, available, version,</i>									
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	smg-22 13/06/1997	5 . 2 . 0		<a href="#">get it</a>						
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	NP-11 04/04/2001	5 . 4 . 0		<a href="#">get it</a>						
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<b>TS 08.51</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>									
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S						
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> THOMASEN, Gert							
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<b>TS 08.52</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles</b>									
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S						
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> THOMASEN, Gert							
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<b>TS 08.54</b>	<b>BSC-BTS Layer 1; Structure of Physical Circuits</b>					
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
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<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>					
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
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				remarks - this release:	#20: 5.0.0	
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<b>TS 08.58</b>	<b>Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>					
R96	current version: 5.10.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
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					#25: 5.7.0 #26: 5.8.0 #29: 5.9.0 #30: 5.10.0	
	smg-19 28/06/1996 5 . 2 . 0	<a href="#">get it</a>				
	smg-21 14/02/1997 5 . 3 . 0	<a href="#">get it</a>				
	smg-22 13/06/1997 5 . 4 . 0	<a href="#">get it</a>				
	smg-23 17/10/1997 5 . 5 . 0	<a href="#">get it</a>				
	smg-24 19/12/1997 5 . 6 . 0	<a href="#">get it</a>				
	smg-25 20/03/1998 5 . 7 . 0	<a href="#">get it</a>				
	smg-26 26/06/1998 5 . 8 . 0	<a href="#">get it</a>				
	smg-29 25/06/1999 5 . 9 . 0	<a href="#">get it</a>				
	smg-30 11/11/1999 5 . 10 . 0	<a href="#">get it</a>				

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**TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels**  
R96 *current version:* 5.1.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino

*history (event, available, version,*  
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
smg-19 28/06/1996 5 . 0 . 1 [get it](#) *remarks - this release:*  
smg-20 11/10/1996 5 . 0 . 2 [get it](#)  
smg-22 13/06/1997 5 . 1 . 0 [get it](#)  
ETSI Publication 13/07/1997 5 . 1 . 1 [get it](#)

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**TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
R96 *current version:* 5.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino

*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release:*

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R96 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TR 09.01 General Network Interworking Scenarios**  
R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #20: 5.0.0

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## TS 09.02 Mobile Application Part (MAP) Specification

R96 current version: 5.17.0

freeze\_meeting:

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

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	12/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	03/06/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
edito	23/05/1997	5	.	5	.	1
ETSI publication	05/11/1997	5	.	5	.	2
smg-22	13/06/1997	5	.	6	.	0
ETSI publication	02/02/1998	5	.	6	.	1
smg-23	17/10/1997	5	.	7	.	0
smg-24	19/12/1997	5	.	8	.	0
ETSI publication	23/07/1998	5	.	8	.	1
smg-25	20/03/1998	5	.	9	.	0
ETSI publication	09/03/1999	5	.	9	.	1
smg-26	26/06/1998	5	.	10	.	0
ETSI publication	05/09/1999	5	.	10	.	1
smg-27	16/10/1998	5	.	11	.	0
ETSI publication	23/03/1999	5	.	11	.	1
smg-28	12/02/1999	5	.	12	.	0
ETSI publication	04/08/1999	5	.	12	.	1
smg-29	25/06/1999	5	.	13	.	0
ETSI publication	29/12/1999	5	.	13	.	1
NP-05	08/10/1999	5	.	14	.	0
ETSI publication	09/05/2000	5	.	14	.	1
NP-06	15/12/1999	5	.	15	.	0
NP-09	13/11/2000	5	.	16	.	0
NP-15	04/04/2002	5	.	17	.	0

[get it](#) remarks - general: CN->N4 Apr00 (JMM)

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

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<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> G: yes U: MCC: BOSWARTHICK, David
<i>history (event, available, version,</i>	<a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed".
smg-20 11/10/1996 5 . 0 . 0	<i>remarks - this release:</i> #20: 5.0.0

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<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> G: yes U: MCC: BOSWARTHICK, David
<i>history (event, available, version,</i>	<a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed".
smg-20 11/10/1996 5 . 0 . 0	<i>remarks - this release:</i> #20: 5.0.0

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<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> G: yes U: MCC: BOSWARTHICK, David
<i>history (event, available, version,</i>	<a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed".
smg-20 11/10/1996 5 . 0 . 0	<i>remarks - this release:</i> #20: 5.0.0

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<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> G: yes U: MCC: BOSWARTHICK, David
<i>history (event, available, version,</i>	<a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed".
smg-19 28/06/1996 5 . 0 . 0	<a href="#">get it</a> <i>remarks - this release:</i> #19: 5.0.0 #20: 5.0.1
smg-20 11/10/1996 5 . 0 . 1	<a href="#">get it</a>
ETSI Publication 11/11/1996 5 . 0 . 2	

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<b>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone</b>									
R96	current version: <b>Network (PSTN)</b>	5.10.1	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert			
SIEMENS AG										
	freeze_meeting:		G: yes	U:		MCC:	BOSWARTHICK, David			
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	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:	JUKIC, Zdravko			Telefon AB LM Ericsson
	freeze_meeting:		G: yes	U:		MCC:	JORGENSEN, Per Johan			
	history (event, available, version,									
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<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: <b>Procedures and the Mobile Application Part (MAP)</b>									
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	history (event, available, version,									
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[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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<b>TS 09.11</b>	<b>Signalling Interworking for Supplementary Services</b>								
R96	current version: 5.1.0	WG (prime / other):	N4 / -	rapporteur:	HAMEL, Eric	France Telecom			
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-18 12/04/1996	5	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-19 28/06/1996	5	.	1	.	0	<a href="#">get it</a>	remarks - this release:	#18: 5.0.0 #19: 5.1.0
<hr/>									
<b>TS 09.78</b>	<b>CAMEL Application Part phase 2 (stage 3)</b>								
R96	current version: 5.7.0	WG (prime / other):	N2 / -	rapporteur:	NOLDUS, Rogier	Telefon AB LM Ericsson			
	freeze_meeting:	G: yes	U:	MCC:	JURISIC, Andrijana				
	history (event, available, version,								
	smg-21 14/02/2000	5	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-22 13/06/1997	5	.	1	.	0	<a href="#">get it</a>	remarks - this release:	#21: 5.0.0 #22: 5.1.0 #23: 5.2.0 #24: 5.3.0 #25: 5.4.0 #26: 5.5.0 #28: 5.6.0 #29: 5.7.0
	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>		
	smg-25 20/03/1998	5	.	4	.	0	<a href="#">get it</a>		
	smg-26 26/06/1998	5	.	5	.	0	<a href="#">get it</a>		
	smg-28 12/02/1999	5	.	6	.	0	<a href="#">get it</a>		
	smg-29 25/06/1999	5	.	7	.	0	<a href="#">get it</a>		
<hr/>									
<b>TR 09.90</b>	<b>Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)</b>								
R96	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	<to be defined> 02/02/1996	5	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-22 02/01/2001	5	.	1	.	0	<a href="#">get it</a>	remarks - this release:	
<hr/>									
<b>TR 09.94</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) faults</b>								
R96	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: tbd	G: yes	U:	MCC:	Peter Skov JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-20 11/10/1996	5	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	NP-16	5	.	1	.	0		remarks - this release:	2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.
<hr/>									

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

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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 ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* SULTAN, Alain  
*history (event, available, version,*  
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #19: 5.0.0 & 5.1.0 #20: 5.2.0 Jun00: version we have is actually 5.1.2 !  
smg-20 11/10/1996 5 . 2 . 0 [get it](#)  
Editorial correction 11/11/1996 5 . 2 . 1 [get it](#)

## TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R96 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-21 14/02/1997 1 . 0 . 0 [get it](#) *remarks - general:*  
smg-25 20/03/1998 1 . 1 . 0 [get it](#) *remarks - this release:* #21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0  
smg-25 20/03/1998 5 . 0 . 0 [get it](#)  
smg-28 12/02/1999 5 . 1 . 0 [get it](#)

## TR 10.14 System overview for 14.4 kbit/s Work Item

R96 *current version:* 5.0.0 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* SULTAN, Alain  
*history (event, available, version,*  
draft 23/07/1997 1 . 0 . 1 [get it](#) *remarks - general:* still alive? June-2001:no. So no propogation to later releases.  
smg-22 2 . 0 . 0 [get it](#) *remarks - this release:*  
smg-22 13/06/1997 5 . 0 . 0 [get it](#)

R96 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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

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[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification

R96 *current version: 5.12.0*  
*freeze\_meeting:*

WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia ETSI Secretariat

NP /  
T2 /  
SCP  
/ G4

G: yes U: MCC: SALMERON, Lidia

*history (event, available, version,*

smg-18 12/04/1996 5 . 0 . 0  
smg-21 14/02/1997 5 . 1 . 0

[get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently  
[get it](#) *remarks - this release:* #31bis: closed (R99 version serves all releases) replaced by Rel-5 equivalent. 2001-

11-19: G4->G5.

smg-22 13/06/1997 5 . 2 . 0  
smg-23 17/10/1997 5 . 3 . 0  
smg-24 19/12/1997 5 . 4 . 0  
smg-25 20/03/1998 5 . 5 . 0  
smg-26 06/06/1998 5 . 6 . 0  
smg-27 16/10/1998 5 . 7 . 0  
smg-28 12/02/1999 5 . 8 . 0  
smg-29 25/06/1999 5 . 9 . 0  
smg-30 11/11/1999 5 . 10 . 0  
smg-31 16/02/2000 5 . 11 . 0  
Editorial correction 16/02/2000 5 . 11 . 1  
GP-06 06/09/2001 5 . 12 . 0

[get it](#)  
[get it](#)  
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## TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R96 *current version: 5.1.0*  
*freeze\_meeting:*

WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia ETSI Secretariat

NP /  
T2 /  
SCP  
/ G4

G: yes U: MCC: SALMERON, Lidia

*history (event, available, version,*

smg-30 11/11/1999 5 . 0 . 0  
smg-18 12/04/1996 5 . 0 . 0  
ETSI publication 23/06/2000 5 . 0 . 1  
GP-06 06/09/2001 5 . 1 . 0

[get it](#) *remarks - general:* 2001-11-19: G4->G5.  
[get it](#) *remarks - this release:* #32:closed GP-06: Rel-4 serves all releases.  
[get it](#)  
[get it](#)

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

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## TS 11.10-4 Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification

R96 current version: 5.5.0

WG (prime / other): G5 / G4, T3 rapporteur: SALMERON, Lidia ETSI Secretariat

freeze\_meeting:

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-30 11/11/1999 5 . 0 . 0 [get it](#)

smg-31 16/02/2000 5 . 1 . 0 [get it](#)

editorial 15/09/2000 5 . 1 . 1 [get it](#)

GP-02 5 . 2 . 0

GP-02 30/11/2000 5 . 2 . 0 [get it](#)

GP-04 29/03/2001 5 . 3 . 0 [get it](#)

GP-04 11/04/2001 5 . 3 . 0 [get it](#)

GP-06 31/08/2001 5 . 4 . 0 [get it](#)

GP-07 09/01/2002 5 . 5 . 0 [get it](#)

remarks - general: 2001-11-19: G4->G5. TP-14: may be txferred to T3.

remarks - this release: GP-06: Rel-4 serves all releases.

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## 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:

G: yes U: MCC: DIETZE, Claus

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0 [get it](#)

smg-17 02/02/1996 5 . 1 . 0 [get it](#)

smg-18 12/04/1996 5 . 2 . 0 [get it](#)

smg-19 28/06/1996 5 . 3 . 0 [get it](#)

smg-20 11/10/1996 5 . 4 . 0 [get it](#)

smg-21 14/02/1997 5 . 5 . 0 [get it](#)

smg-22 13/06/1997 5 . 6 . 0 [get it](#)

smg-23 17/10/1997 5 . 7 . 0 [get it](#)

smg-24 19/12/1997 5 . 8 . 0 [get it](#)

smg-25 20/03/1998 5 . 9 . 0 [get it](#)

smg-26 26/06/1998 5 . 10 . 0 [get it](#)

Editorial correction 26/06/1998 5 . 10 . 1 [get it](#)

remarks - general:

remarks - this release:

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

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<b>TS 11.14</b>	<b>Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface</b>						
R96	current version: 5.9.0	WG (prime / other):	T3 / -	rapporteur:	WOODSEND, Kristian	ASPECTS Software Ltd	
	freeze_meeting: smg-27	G: yes	U:	MCC:	DIETZE, Claus		
history (event, available, version,							
smg-18	12/04/1996	5	.	0	.	0	<a href="#">get it</a> remarks - general:
smg-19	28/06/1996	5	.	1	.	0	<a href="#">get it</a> remarks - this release:
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>

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<b>TS 11.21</b>	<b>Base Station System (BSS) equipment specification; Radio aspects</b>						
R96	current version: 5.5.0	WG (prime / other):	G3 / -	rapporteur:	VACANT,		
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino		
history (event, available, version,							
smg-22	13/06/1997	5	.	0	.	0	<a href="#">get it</a> remarks - general:
smg-23	17/10/1997	5	.	1	.	0	<a href="#">get it</a> remarks - this release:
smg-25	20/03/1998	5	.	2	.	0	<a href="#">get it</a>
smg-26	26/06/1998	5	.	3	.	0	<a href="#">get it</a>
smg-27	16/10/1998	5	.	4	.	0	<a href="#">get it</a>
Editorial correction	16/10/1998	5	.	4	.	1	<a href="#">get it</a>
GP-09	15/05/2002	5	.	5	.	0	<a href="#">get it</a>

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<b>TS 11.26</b>	<b>Base Station System (BSS) equipment specification; Part 4: Repeaters</b>						
R96	current version: 5.2.1	WG (prime / other):	G3 / -	rapporteur:	VACANT,		
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino		
history (event, available, version,							
<to be defined>		5	.	0	.	0	remarks - general:
smg-25	20/03/1998	5	.	1	.	0	<a href="#">get it</a> remarks - this release: .
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>

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

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[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

R96 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration**

R96 current version: 5.0.1 WG (prime / other): S5 / S1 rapporteur: TRUSS, Michael MOTOROLA Ltd  
freeze\_meeting: G: yes U: MCC: ZOICAS, Adrian  
history (event, available, version, smg-22 13/06/1997 5 . 0 . 0 [get it](#) remarks - general:  
Editorial correction 13/07/1997 5 . 0 . 1 [get it](#) remarks - this release:

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**TS 12.05 Subscriber Related Call and Event Data**

R96 current version: 5.0.1 WG (prime / other): S5 / S1 rapporteur: BENDER, James Nortel Networks (USA)  
freeze\_meeting: G: yes U: MCC: ZOICAS, Adrian  
history (event, available, version, smg-23 17/10/1997 5 . 0 . 0 [get it](#) remarks - general:  
Editorial correction 17/10/1997 5 . 0 . 1 [get it](#) remarks - this release:

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**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: G: yes U: MCC: ZOICAS, Adrian  
history (event, available, version, smg-23 17/10/1997 5 . 0 . 0 [get it](#) remarks - general:  
smg-25 20/03/1998 5 . 1 . 0 [get it](#) remarks - this release:  
Editorial correction 20/03/1998 5 . 1 . 1 [get it](#)

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**TS 12.21 Network Management (NM) procedures and messages on the A-bis interface**

R96 current version: 5.0.0 WG (prime / other): G3 / S5 rapporteur: TRUSS, Michael MOTOROLA Ltd  
freeze\_meeting: G: yes U: MCC: USAI, Paolino  
history (event, available, version, smg-21 14/02/1997 5 . 0 . 0 [get it](#) remarks - general: SP-13: S5->G3 but no change of rapporteur.  
remarks - this release:

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

## Ph2

Ph2 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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<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>			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</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>	

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<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	ETSI Secretariat			
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-08 01/10/1993	4	.	0	.	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>		

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Ph2 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)



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<b>TS 02.01</b>	<b>Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)</b>						
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4 . 2 . 1	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-08 01/10/1993	4 . 3 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-10 15/04/1994	4 . 4 . 0	<a href="#">get it</a>				
	smg-11 01/07/1994	4 . 4 . 1	<a href="#">get it</a>				
	smg-12 07/10/1994	4 . 5 . 0	<a href="#">get it</a>				
	smg-15 07/07/1995	4 . 6 . 0	<a href="#">get it</a>				

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<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	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4 . 1 . 1	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-08 01/10/1993	4 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	PT12 final draft 09/05/1994	4 . 2 . 1	<a href="#">get it</a>				
	ETSI publication 10/06/1998	4 . 2 . 2	<a href="#">get it</a>				

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<b>TS 02.03</b>	<b>Teleservices Supported by a GSM Public Land Mobile Network (PLMN)</b>						
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4 . 2 . 2	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-11 01/07/1994	4 . 3 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	ETSI publication 19/01/1996	4 . 3 . 1	<a href="#">get it</a>				

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<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	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4 . 5 . 1	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-08 01/10/1993	4 . 6 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-10 15/04/1994	4 . 7 . 0	<a href="#">get it</a>				
	smg-12 07/10/1994	4 . 8 . 0	<a href="#">get it</a>				
	smg-15 07/07/1995	4 . 9 . 0	<a href="#">get it</a>				
	smg-16 20/10/1995	4 . 9 . 1	<a href="#">get it</a>				

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

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## TS 02.06 Types of Mobile Stations (MS)

Ph2 current version: 4.5.2

freeze\_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 1 . 1

smg-08 01/10/1993 4 . 2 . 0

smg-14 07/04/1995 4 . 3 . 0

smg-16 07/07/1995 4 . 4 . 0

smg-22 13/06/1997 4 . 5 . 0

ETSI OAP 21/07/1997 4 . 5 . 1

ETSI publication 14/01/1998 4 . 5 . 2

WG (prime / other): S1 / - rapporteur: JEAL, David  
G: yes U: MCC: CLAYTON, Michael

VODAFONE Group Plc

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TS 02.07 Mobile Station (MS) Features

Ph2 current version: 4.8.2

freeze\_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 4 . 1

smg-08 01/10/1993 4 . 4 . 2

smg-10 15/04/1994 4 . 5 . 0

smg-11 01/07/1994 4 . 6 . 0

smg-15 07/07/1995 4 . 7 . 0

smg-22 13/06/1997 4 . 8 . 0

ETSI OAP 21/07/1997 4 . 8 . 1

ETSI publication 14/01/1998 4 . 8 . 2

WG (prime / other): S1 / - rapporteur: JEAL, David  
G: yes U: MCC: CLAYTON, Michael

VODAFONE Group Plc

[get it](#) remarks - general:

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

[get it](#)

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## TS 02.09 Security aspects

Ph2 current version: 4.5.1

freeze\_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 2 . 1

smg-12 07/10/1994 4 . 3 . 0

smg-22 13/06/1997 4 . 4 . 0

ETSI publication 14/01/1998 4 . 4 . 1

SP-31 16/02/2000 4 . 5 . 0

ETSI publication 29/08/2000 4 . 5 . 1

WG (prime / other): S3 / S1 / NP rapporteur: CHRISTOFFERSSON, TELIA PROMOTOR AB  
G: yes U: MCC: POPE, Maurice

[get it](#) remarks - general:

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

[get it](#)

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<b>TS 02.11</b>	<b>Service Accessibility</b>					
Ph2	current version: 4.9.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-07 25/06/1993	4 . 5 . 1		<a href="#">get it</a>	remarks - general:	
	smg-10 15/04/1994	4 . 6 . 0		<a href="#">get it</a>	remarks - this release:	
	ETSI OAP 21/08/1995	4 . 7 . 0		<a href="#">get it</a>		
	smg-16 20/10/1995	4 . 8 . 0		<a href="#">get it</a>		
	smg-17 02/02/1996	4 . 9 . 0		<a href="#">get it</a>		

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<b>TS 02.16</b>	<b>International Mobile Station Equipment Identities (IMEI)</b>					
Ph2	current version: 4.7.1	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-07 25/06/1993	4 . 3 . 1		<a href="#">get it</a>	remarks - general:	
	smg-12 07/10/1994	4 . 4 . 0		<a href="#">get it</a>	remarks - this release:	
	smg-13 27/01/1995	4 . 5 . 0		<a href="#">get it</a>		
	smg-30 11/11/1999	4 . 6 . 0		<a href="#">get it</a>		
	ETSI publication 07/07/2000	4 . 6 . 1		<a href="#">get it</a>		
	smg-08 01/10/1993	4 . 7 . 0		<a href="#">get it</a>		
	ETSI publication 28/11/2000	4 . 7 . 1		<a href="#">get it</a>		

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<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>					
Ph2	current version: 4.3.3	WG (prime / other):	T3 / S1	rapporteur:	HOOKER, Philip	ORANGE PCS LTD
	freeze_meeting:	G: yes U:		MCC:	DIETZE, Claus	
	history (event, available, version,					
		4 . 0 . 0			remarks - general:	
	smg-02	4 . 1 . 0	167/92		remarks - this release:	
	smg-05 25/06/1993	4 . 2 . 0	98/93	<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>		

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<b>TS 02.24</b>	<b>Description of Charge Advice Information (CAI)</b>					
Ph2	current version: 4.5.0	WG (prime / other): S1 /	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-07 25/06/1993 4 . 1 . 1	<a href="#">get it</a>	remarks - general:			
	smg-08 01/10/1993 4 . 2 . 0	<a href="#">get it</a>	remarks - this release:			
	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	current version: 4.13.0	WG (prime / other): S1 /	rapporteur: JEAL, David	VODAFONE Group Plc		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-07 25/06/1993 4 . 9 . 1	<a href="#">get it</a>	remarks - general:			
	smg-08 01/10/1993 4 . 10 . 0	<a href="#">get it</a>	remarks - this release:			
	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	current version: 4.5.0	WG (prime / other): S1 / NP	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-07 25/06/1993 4 . 2 . 1	<a href="#">get it</a>	remarks - general:			
	smg-09 21/01/1994 4 . 3 . 0	<a href="#">get it</a>	remarks - this release:			
	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	current version: 4.5.2	WG (prime / other): S1 /	rapporteur: ...,	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-07 25/06/1993 4 . 4 . 1	<a href="#">get it</a>	remarks - general:			
	smg-08 01/10/1993 4 . 5 . 0	<a href="#">get it</a>	remarks - this release:			
	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>				

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## TS 02.81 Line Identification Supplementary Services; Stage 1

Ph2 current version: 4.6.1

freeze\_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 3 . 1

smg-10 15/04/1994 4 . 4 . 0

smg-11 01/07/1994 4 . 4 . 1

smg-12 07/10/1994 4 . 5 . 0

smg-16 20/10/1995 4 . 5 . 1

smg-24 19/12/1997 4 . 6 . 0

ETSI publication 17/06/1998 4 . 6 . 1

WG (prime / other): S1 / - rapporteur: BLOMSTRAND, Ola TELIA AB

G: yes U: MCC: CLAYTON, Michael

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #7: 4.3.1 #10: 4.4.0 #11: 4.4.1 #12: 4.5.0 #16: 4.5.1 #24: 4.6.0

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## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

Ph2 current version: 4.5.2

freeze\_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 4 . 2

smg-10 15/04/1994 4 . 5 . 0

smg-16 20/10/1995 4 . 5 . 2

WG (prime / other): S1 / - rapporteur: EVEN, Anne France Telecom

G: yes U: MCC: CLAYTON, Michael

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #7: 4.4.2 #10: 4.5.0 #16: 4.5.2

[get it](#)

## TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1

Ph2 current version: 4.6.7

freeze\_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 6 . 3

smg-10 15/04/1994 4 . 6 . 5

smg-16 20/10/1995 4 . 6 . 7

WG (prime / other): S1 / - rapporteur: JORGENSEN, Niels H. TDC TELE DANMARK A/S

G: yes U: MCC: CLAYTON, Michael

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #7: 4.6.3 #10: 4.6.5 #16: 4.6.7

[get it](#)

## TS 02.84 MultiParty (MPPTY) Supplementary Services; Stage 1

Ph2 current version: 4.4.7

freeze\_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 4 . 2

smg-11 01/07/1994 4 . 4 . 5

smg-16 20/10/1995 4 . 4 . 7

WG (prime / other): S1 / - rapporteur: POSTMANN, Erwin SIEMENS AG

G: yes U: MCC: CLAYTON, Michael

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #7: 4.4.2 #11: 4.4.5 #16: 4.4.7

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<b>TS 02.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 1</b>								
Ph2	<i>current version:</i> 4.2.6								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4	.	2	.	2			
	smg-16 20/10/1995	4	.	2	.	6			
							<a href="#">get it</a>	<i>remarks - general:</i>	
							<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>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4	.	1	.	1			
	smg-16 01/10/1993	4	.	1	.	5			
							<a href="#">get it</a>	<i>remarks - general:</i>	
							<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>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4	.	3	.	0			
	smg-08 01/10/1993	4	.	4	.	0			
	smg-16 27/01/1995	4	.	4	.	3			
							<a href="#">get it</a>	<i>remarks - general:</i>	
							<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.3.0 #8: 4.4.0 #16: 4.4.3	
							<a href="#">get it</a>		
<hr/>									
<b>TS 02.90</b>	<b>Stage 1 Decision of Unstructured Supplementary Service Data (USSD)</b>								
Ph2	<i>current version:</i> 4.1.1								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	smg-08 01/10/1993	4	.	0	.	1			
	smg-21 14/02/1997	4	.	1	.	0			
	ETSI publication 15/09/1997	4	.	1	.	1			
							<a href="#">get it</a>	<i>remarks - general:</i>	
							<a href="#">get it</a>	<i>remarks - this release:</i> #8: 4.0.1 #21: 4.1.0	
							<a href="#">get it</a>		

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<b>TS 03.01</b>	<b>Network Functions</b>								
Ph2	current version: 4.0.4			WG (prime / other): S2 / NP	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB			
	freeze_meeting:			G: yes U:	MCC: SULTAN, Alain				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	1	<a href="#">get it</a>	remarks - general: SMG3->SA2 @ TSG#7	
	ETSI Publication 25/07/1993	4	.	0	.	4	<a href="#">get it</a>	remarks - this release: #7: 4.0.1	
<b>TS 03.02</b>	<b>Network Architecture</b>								
Ph2	current version: 4.2.1			WG (prime / other): S2 / NP /	rapporteur: SULTAN, Alain	ETSI Secretariat			
	freeze_meeting:			T2					
	history (event, available, version,			G: yes U:	MCC: SULTAN, Alain				
	smg-07 25/06/1993	4	.	0	.	1	<a href="#">get it</a>	remarks - general:	
	smg-17 02/02/1996	4	.	1	.	0	<a href="#">get it</a>	remarks - this release: #7: 4.0.1 #17: 4.1.0 #18: 4.2.1	
	smg-18 12/04/1996	4	.	2	.	1	<a href="#">get it</a>		
<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>								
Ph2	current version: 4.11.1			WG (prime / other): N4 / T2	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	5	.	0	<a href="#">get it</a>	remarks - general:	
	smg-08 01/10/1993	4	.	6	.	0	<a href="#">get it</a>	remarks - this release: #7: 4.5.0 #8: 4.6.0 #9: 4.8.0 #12: 4.9.0 TSG#7: 4.10.0 TSG#8:4.11.0	
	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>		
<b>TS 03.04</b>	<b>Signalling Requirements Relating to Routing of Calls to Mobile Subscribers</b>								
Ph2	current version: 4.0.4			WG (prime / other): N4 / SPA	rapporteur: KYMALAINEN, Kimmo	ETSI Secretariat			
	freeze_meeting:			N /					
	history (event, available, version,			T2					
	smg-07 25/06/1993	4	.	0	.	1	<a href="#">get it</a>	remarks - general:	
	Publication 19/01/1996	4	.	0	.	4	<a href="#">get it</a>	remarks - this release: #7: 4.0.1	

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<b>TR 03.05</b>	<b>Technical performance objectives</b>								
Ph2	current version: 4.1.0			WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:			G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-19 28/06/1996	4	.	1	.	0	<a href="#">get it</a>	remarks - this release: #7: 4.0.0 #19:4.1.0	
<b>TS 03.07</b>	<b>Restoration Procedures</b>								
Ph2	current version: 4.3.1			WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD			
	freeze_meeting:			G: yes U:	Chalmers				
	history (event, available, version,				MCC: KYMALAINEN, Kimmo				
	smg-07 25/06/1993	4	.	2	.	0	<a href="#">get it</a>	remarks - general:	
	smg-10 15/04/1994	4	.	3	.	0	<a href="#">get it</a>	remarks - this release: #7: 4.2.0 #10: 4.3.0	
	Publication 19/01/1996	4	.	3	.	1	<a href="#">get it</a>		
<b>TS 03.08</b>	<b>Organization of Subscriber Data</b>								
Ph2	current version: 4.8.0			WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	5	.	0	<a href="#">get it</a>	remarks - general:	
	smg-08 01/10/1993	4	.	5	.	1	<a href="#">get it</a>	remarks - this release:	
	smg-09 21/01/1994	4	.	6	.	0	<a href="#">get it</a>		
	smg-10 15/04/1994	4	.	7	.	0	<a href="#">get it</a>		
	smg-18 12/04/1996	4	.	8	.	0	<a href="#">get it</a>		
<b>TS 03.09</b>	<b>Handover Procedures</b>								
Ph2	current version: 4.6.0			WG (prime / other): N1 / -	rapporteur: FARHOUMAND,	Ericsson Incorporated			
	freeze_meeting:			G: yes U:	Rouzbeh				
	history (event, available, version,				MCC: JORGENSEN, Per Johan				
	smg-07 25/06/1993	4	.	1	.	0	<a href="#">get it</a>	remarks - general:	
	smg-08 01/10/1993	4	.	2	.	0	<a href="#">get it</a>	remarks - this release: #7: 4.1.0 #8: 4.2.0 #9: 4.2.1 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #17: 4.6.0	
	smg-09 21/01/1994	4	.	2	.	1	<a href="#">get it</a>		
	smg-10 15/04/1994	4	.	3	.	0	<a href="#">get it</a>		
	smg-11 01/07/1994	4	.	4	.	0	<a href="#">get it</a>		
	smg-12 07/10/1994	4	.	5	.	0	<a href="#">get it</a>		
	smg-17 02/02/1996	4	.	6	.	0	<a href="#">get it</a>		

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<b>TS 03.10</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</b>					
Ph2	current version: 4.3.1	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David	
history (event, available, version,						
smg-07	25/06/1993	4	. 2 . 1	<a href="#">get it</a>	remarks - general:	
smg-08	01/10/1993	4	. 3 . 0	<a href="#">get it</a>	remarks - this release:	
Publication	13/09/1994	4	. 3 . 1	<a href="#">get it</a>		

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<b>TS 03.11</b>	<b>Technical Realization of Supplementary Services - General Aspects</b>					
Ph2	current version: 4.10.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-07	25/06/1993	4	. 4 . 0	<a href="#">get it</a>	remarks - general:	
smg-09	21/01/1994	4	. 5 . 0	<a href="#">get it</a>	remarks - this release: #7: 4.4.0 #9: 4.5.0 #10: 4.6.0 #11: 4.7.0 #12: 4.8.0 #14: 4.9.0 #18: 4.10.1	
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-18	12/04/1996	4	. 10 . 1	<a href="#">get it</a>		

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<b>TS 03.12</b>	<b>Location Registration Procedures</b>					
Ph2	current version: 4.4.2	WG (prime / other):	N4 / -	rapporteur:	GAASVIK, Per-Ola	COMVIQ GSM AB
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-07	25/06/1993	4	. 3 . 0	<a href="#">get it</a>	remarks - general:	
smg-08	01/10/1993	4	. 4 . 0	<a href="#">get it</a>	remarks - this release: #7: 4.3.0 #8: 4.4.0	
Publication	13/09/1994	4	. 4 . 2	<a href="#">get it</a>		

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<b>TS 03.13</b>	<b>Discontinuous Reception (DRX) in the GSM System</b>					
Ph2	current version: 4.0.4	WG (prime / other):	G1 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
history (event, available, version,						
smg-07	25/06/1993	4	. 0 . 1	<a href="#">get it</a>	remarks - general:	
Publication	13/09/1994	4	. 0 . 4	<a href="#">get it</a>	remarks - this release: #7: 4.0.1	

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

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## TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

Ph2 *current version:* 4.1.1 *WG (prime / other):* N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG  
*freeze\_meeting:* *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
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:* #7: 4.0.0 #10: 4.1.0  
Publication 13/09/1994 4 . 1 . 1 [get it](#)

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## TS 03.15 Technical Realization of Operator Determined Barring

Ph2 *current version:* 4.3.1 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 0 [get it](#) *remarks - general:*  
smg-10 15/04/1994 4 . 3 . 0 [get it](#) *remarks - this release:* #7: 4.2.0 #10: 4.3.0  
Publication 13/09/1994 4 . 3 . 1 [get it](#)

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## TS 03.16 Subscriber Data Management

Ph2 *current version:* 4.2.1 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald SIEMENS AG  
*freeze\_meeting:* *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-14 07/04/1995 4 . 1 . 0 [get it](#) *remarks - general:*  
smg-16 20/10/1995 4 . 1 . 1 [get it](#) *remarks - this release:* #14: 4.1.0 #16: 4.1.1 #18: 4.2.1  
smg-18 12/04/1996 4 . 2 . 1 [get it](#)

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## TS 03.20 Security-related Network Functions

Ph2 *current version:* 4.4.1 *WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom  
*freeze\_meeting:* GP *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*  
smg-10 15/04/1994 4 . 3 . 0 [get it](#) *remarks - this release:*  
smg-17 02/02/1996 4 . 3 . 2 [get it](#)  
smg-21 14/02/1997 4 . 4 . 0 [get it](#)  
Publication 26/08/1997 4 . 4 . 1 [get it](#)

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

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<b>TS 03.22</b>	<b>Functions related to Mobile Station (MS) in idle mode and group receive mode</b>						
Ph2	current version: 4.11.0	WG (prime / other):	G1 / N1	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:				Peter Skov		
		G: yes	U:	MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-07 25/06/1993			<a href="#">get it</a>	remarks - general:	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and	
	smg-09 21/01/1994			<a href="#">get it</a>	remarks - this release:	group receive mode".	
	smg-10 15/04/1994			<a href="#">get it</a>			
	smg-11 01/07/1994			<a href="#">get it</a>			
	smg-12 07/10/1994			<a href="#">get it</a>			
	smg-14 07/04/1995			<a href="#">get it</a>			
	smg-16 20/10/1995			<a href="#">get it</a>			
	smg-17 02/02/1996			<a href="#">get it</a>			
<hr/>							
<b>TR 03.26</b>	<b>Multiband operation of GSM/DCS 1800 by a single operator</b>						
Ph2	current version: 4.3.0	WG (prime / other):	G1 / NP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:				Peter Skov		
		G: yes	U:	MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-18 12/04/1996			<a href="#">get it</a>	remarks - general:		
	smg-22 13/06/1997			<a href="#">get it</a>	remarks - this release:	#18: 4.1.0 #22: 4.2.0 #23: 4.3.0	
	smg-23 17/10/1997			<a href="#">get it</a>			
<hr/>							
<b>TR 03.30</b>	<b>Radio Network Planning Aspects</b>						
Ph2	current version: 4.3.0	WG (prime / other):	GP / -	rapporteur:	TEGTH, Ulf	TELIA AB	
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-07 25/06/1993			<a href="#">get it</a>	remarks - general:		
	smg-09 21/01/1994			<a href="#">get it</a>	remarks - this release:	#7: 4.2.0 #9: 4.2.1 #13: 4.3.0	
	smg-13 27/01/1995			<a href="#">get it</a>			
<hr/>							
<b>TS 03.38</b>	<b>Alphabets and language-specific information</b>						
Ph2	current version: 4.0.1	WG (prime / other):	T2 / -	rapporteur:	HARRIS, Ian	Teleca Limited	
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm		
	history (event, available, version,						
	smg-10 15/04/1994			<a href="#">get it</a>	remarks - general:		
	Publication 13/09/1994			<a href="#">get it</a>	remarks - this release:	#10: 4.0.0	

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## TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

Ph2 *current version:* 4.13.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

smg-07	25/06/1993	4	.	6	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
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>	

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## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

Ph2 *current version:* 4.11.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

smg-07	25/06/1993	4	.	4	.	1	<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>	

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## TR 03.43 Support of Videotex

Ph2 *current version:* 4.1.2 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

smg-07	25/06/1993	4	.	1	.	1	<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: #7: 4.1.1</i>

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

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<b>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>								
Ph2	current version: 4.0.1	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-07 25/06/1993	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	Editorial 30/07/1998	4 . 0 . 1		<a href="#">get it</a>	remarks - this release: #7: 4.0.0				
<hr/>									
<b>TS 03.45</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>								
Ph2	current version: 4.5.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-07 25/06/1993	4 . 2 . 1		<a href="#">get it</a>	remarks - general:				
	smg-08 01/10/1993	4 . 3 . 0		<a href="#">get it</a>	remarks - this release:				
	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>					
<hr/>									
<b>TS 03.46</b>	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b>								
Ph2	current version: 4.1.2	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-07 25/06/1993	4 . 0 . 1		<a href="#">get it</a>	remarks - general:				
	smg-08 01/10/1993	4 . 0 . 2		<a href="#">get it</a>	remarks - this release:				
	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>					
<hr/>									
<b>TR 03.47</b>	<b>Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)</b>								
Ph2	current version: 4.4.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-07 25/06/1993	4 . 1 . 0		<a href="#">get it</a>	remarks - general:				
	smg-08 01/10/1993	4 . 2 . 0		<a href="#">get it</a>	remarks - this release: #7: 4.1.0 #8: 4.2.0 #12: 4.2.1 #18: 4.4.0				
	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>					

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<b>TS 03.81</b>	<b>Line Identification Supplementary Services; Stage 2</b>				
Ph2	current version: 4.8.1	WG (prime / other):	N4 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					
smg-07	25/06/1993	4 . 1 . 0	<a href="#">get it</a>	remarks - general:	
smg-09	01/10/1993	4 . 2 . 0	<a href="#">get it</a>	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	<a href="#">get it</a>		
smg-11	01/07/1994	4 . 4 . 0	<a href="#">get it</a>		
smg-12	07/10/1994	4 . 5 . 0	<a href="#">get it</a>		
smg-19	28/06/1996	4 . 6 . 0	<a href="#">get it</a>		
smg-24	19/12/1997	4 . 7 . 0	<a href="#">get it</a>		
smg-26	26/06/1998	4 . 8 . 0	<a href="#">get it</a>		
Editorial	26/07/1998	4 . 8 . 1	<a href="#">get it</a>		
<hr/>					
<b>TS 03.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>				
Ph2	current version: 4.8.1	WG (prime / other):	N4 / -	rapporteur:	POTHS, Annette
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					Indicate persons who left Company and wait for new One
smg-07	25/06/1993	4 . 5 . 0	<a href="#">get it</a>	remarks - general:	
smg-08	01/10/1993	4 . 5 . 1	<a href="#">get it</a>	remarks - this release:	#7: 4.5.0 #8: 4.5.1 #10: 4.6.0 #12: 4.7.0 #18: 4.8.0
smg-10	15/04/1994	4 . 6 . 0	<a href="#">get it</a>		
smg-12	07/10/1994	4 . 7 . 0	<a href="#">get it</a>		
smg-18	12/04/1996	4 . 8 . 0	<a href="#">get it</a>		
Editorial	12/05/1996	4 . 8 . 1	<a href="#">get it</a>		
<hr/>					
<b>TS 03.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2</b>				
Ph2	current version: 4.4.1	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					NORTEL NETWORKS (EUROPE)
smg-07	25/06/1993	4 . 3 . 0	<a href="#">get it</a>	remarks - general:	
smg-11	01/07/1994	4 . 3 . 2	<a href="#">get it</a>	remarks - this release:	#7: 4.3.0 #11: 4.3.2 #12: 4.4.0
smg-12	07/10/1994	4 . 4 . 0	<a href="#">get it</a>		
Editorial	07/11/1994	4 . 4 . 1	<a href="#">get it</a>		

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## TS 03.84 Multi Party (MPty) Supplementary Services; Stage 2

Ph2 current version: 4.4.1

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	1	.	0
smg-09	21/01/1994	4	.	2	.	0
smg-10	15/04/1994	4	.	3	.	0
smg-12	07/10/1994	4	.	4	.	0
Editorial	07/11/1994	4	.	4	.	1

WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen T-MOBILE DEUTSCHLAND

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

[get it](#) remarks - this release: #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0

[get it](#)

[get it](#)

[get it](#)

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## TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

Ph2 current version: 4.2.1

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	0	.	0
smg-08	01/10/1993	4	.	1	.	0
smg-13	27/01/1995	4	.	2	.	0
Editorial	27/02/1995	4	.	2	.	1

WG (prime / other): N4 / - rapporteur: VACANT,

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

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## TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

Ph2 current version: 4.6.1

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	1	.	0
smg-08	01/10/1993	4	.	2	.	0
smg-09	21/01/1994	4	.	3	.	0
smg-10	15/04/1994	4	.	4	.	0
smg-11	01/07/1994	4	.	5	.	0
smg-12	07/10/1994	4	.	6	.	0
Editorial	07/11/1994	4	.	6	.	1

WG (prime / other): N4 / - rapporteur: VACANT,

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

[get it](#) remarks - this release: #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #11: 4.5.0 #12: 4.6.0

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



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## TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* HAMEL, Eric France Telecom  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
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:* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
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 MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
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 MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
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

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<b>TS 04.03</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</b>					
Ph2	current version: 4.1.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
	history (event, available, version,	G: yes	U:	MCC:	THOMASEN, Gert	
	smg-07 25/06/1993					<a href="#">get it</a> remarks - general:
	smg-10 15/04/1994					<a href="#">get it</a> remarks - this release:
	Editorial 15/05/1994					<a href="#">get it</a>
	4 . 0 . 1					
	4 . 1 . 0					
	4 . 1 . 1					
<hr/>						
<b>TS 04.04</b>	<b>Layer 1 - General Requirements</b>					
Ph2	current version: 4.0.4	WG (prime / other):	G2 / -	rapporteur:	ISAACS, Ken	SIEMENS AG
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-07 25/06/1993					<a href="#">get it</a> remarks - general:
	ETSI publication 13/09/1994					<a href="#">get it</a> remarks - this release:
	4 . 0 . 1					
	4 . 0 . 4					
<hr/>						
<b>TS 04.05</b>	<b>Data Link (DL) Layer General Aspects</b>					
Ph2	current version: 4.0.3	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
	history (event, available, version,	G: yes	U:	MCC:	THOMASEN, Gert	
	smg-07 25/06/1993					<a href="#">get it</a> remarks - general:
	ETSI publication 13/09/1994					<a href="#">get it</a> remarks - this release: #7: 4.0.0
	4 . 0 . 0					
	4 . 0 . 3					
<hr/>						
<b>TS 04.06</b>	<b>Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification</b>					
Ph2	current version: 4.4.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
	history (event, available, version,	G: yes	U:	MCC:	THOMASEN, Gert	
	smg-07 25/06/1993					<a href="#">get it</a> remarks - general:
	smg-08 01/10/1993					<a href="#">get it</a> remarks - this release:
	smg-11 01/07/1994					<a href="#">get it</a>
	4 . 2 . 0					
	4 . 3 . 0					
	4 . 4 . 0					

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

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## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

Ph2 current version: 4.3.1

freeze\_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 1 . 1

smg-10 15/04/1994 4 . 2 . 0

smg-12 07/10/1994 4 . 3 . 0

ETSI Publication 07/11/1997 4 . 3 . 1

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

## TS 04.08 Mobile radio interface layer 3 specification

Ph2 current version: 4.23.1

freeze\_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 5 . 0

smg-08 01/10/1993 4 . 6 . 0

smg-09 21/01/1994 4 . 7 . 0

smg-10 15/04/1994 4 . 8 . 0

smg-11 01/07/1994 4 . 9 . 0

smg-12 07/10/1994 4 . 10 . 0

smg-14 07/04/1995 4 . 11 . 0

smg-15 07/07/1995 4 . 12 . 0

smg-16 20/10/1995 4 . 13 . 0

smg-17 02/02/1996 4 . 14 . 0

smg-18 12/04/1996 4 . 15 . 0

smg-19 28/06/1996 4 . 16 . 0

ETSI publication 09/01/1997 4 . 16 . 1

smg-20 11/10/1996 4 . 17 . 0

ETSI publication 12/05/1997 4 . 17 . 1

smg-21 14/02/1997 4 . 18 . 0

ETSI PE 15/08/1997 4 . 19 . 1

ETSI publication 31/12/1997 4 . 19 . 2

smg-23 17/10/1997 4 . 20 . 1

smg-24 19/12/1997 4 . 21 . 0

ETSI publication 26/06/1998 4 . 21 . 1

smg-25 20/03/1998 4 . 22 . 0

ETSI publication 23/10/1998 4 . 22 . 1

smg-28 12/02/1999 4 . 23 . 0

ETSI publication 05/10/1999 4 . 23 . 1

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

[get it](#) remarks - this release: Thomasen (even numbered CRs!)

[get it](#)

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<b>TS 04.10</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects</b>								
Ph2	current version: 4.10.1		WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S				
	freeze_meeting:		G: yes U:	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	smg-07 25/06/1993	4 . 4 . 0	<a href="#">get it</a>	remarks - general:					
	smg-08 01/10/1993	4 . 5 . 0	<a href="#">get it</a>	remarks - this release:					
	smg-09 21/01/1994	4 . 6 . 0	<a href="#">get it</a>						
	smg-10 15/04/1994	4 . 7 . 0	<a href="#">get it</a>						
	smg-11 01/07/1994	4 . 8 . 0	<a href="#">get it</a>						
	smg-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>						
<b>TS 04.11</b>	<b>Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface</b>								
Ph2	current version: 4.11.0		WG (prime / other): N1 / -	rapporteur: NOBUYUKI, Uda	NTT COMWARE Corporation				
	freeze_meeting:		G: yes U:	MCC: JORGENSEN, Per Johan					
	history (event, available, version,								
	smg-07 25/06/1993	4 . 3 . 0	<a href="#">get it</a>	remarks - general:					
	smg-08 01/10/1993	4 . 4 . 0	<a href="#">get it</a>	remarks - this release: #7: 4.3.0 #8: 4.4.0 #10: 4.5.0 #11: 4.6.0 #12: 4.7.0 #14: 4.8.0 #16: 4.9.0 #17: 4.10.0 TSG#9:CR rejected TSG#9:4.b.0					
	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>						
<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>								
Ph2	current version: 4.6.0		WG (prime / other): G2 / T2	rapporteur: ANDERSEN, Niels	MOTOROLA A/S				
	freeze_meeting:		G: yes U:	MCC: THOMASEN, Gert					
	history (event, available, version,								
	smg-07 25/06/1993	4 . 1 . 1	<a href="#">get it</a>	remarks - general:					
	smg-10 15/04/1994	4 . 2 . 0	<a href="#">get it</a>	remarks - this release: #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>						

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## TS 04.13 Performance Requirements on Mobile Radio Interface

Ph2 *current version:* 4.2.0 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-10 15/04/1994 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-14 07/04/1995 4 . 0 . 2 [get it](#) *remarks - this release:* #10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0  
smg-15 07/07/1995 4 . 1 . 0 [get it](#)  
smg-16 20/10/1995 4 . 2 . 0 [get it](#)

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## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Ph2 *current version:* 4.6.1 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:* #7: 4.2.1 #8: 4.3.0 #11: 4.4.0 #13: 4.5.0 #14: 4.6.0 Mar00: 4.6.1 = published  
version of ETS replacing OAP version  
smg-11 01/07/1994 4 . 4 . 0 [get it](#)  
smg-13 27/01/1995 4 . 5 . 0 [get it](#)  
smg-14 07/04/1995 4 . 6 . 0 [get it](#)  
published version 02/03/2000 4 . 6 . 1 [get it](#)  
of ETS replacing  
OAP v

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## TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services

Ph2 *current version:* **Switching Centre (BSS - MSC) interface** 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert  
SIEMENS AG  
*freeze\_meeting:* *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 2 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:* #7: 4.2.2 #8: 4.3.0 #13: 4.4.0 #25: 4.5.0  
smg-13 27/01/1995 4 . 4 . 0 [get it](#)  
smg-25 20/03/1998 4 . 5 . 0 [get it](#)  
Editorial 20/04/1998 4 . 5 . 1 [get it](#)

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<b>TS 04.80</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding</b>				
Ph2	<i>current version:</i> 4.11.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	ETSI Secretariat	
	<i>freeze_meeting:</i>	G: yes U:	MCC: KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>					
	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>		
<hr/>					
<b>TS 04.81</b>	<b>Line Identification Supplementary Services; Stage 3</b>				
Ph2	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	ETSI Secretariat	
	<i>freeze_meeting:</i>	G: yes U:	MCC: KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>					
	smg-07 25/06/1993	4 . 2 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-10 15/04/1994	4 . 3 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.2.0 #10: 4.3.0 #12: 4.4.0	
	smg-12 07/10/1994	4 . 4 . 0	<a href="#">get it</a>		
	ETSI Publication 07/11/1994	4 . 4 . 1	<a href="#">get it</a>		
<hr/>					
<b>TS 04.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 3</b>				
Ph2	<i>current version:</i> 4.9.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> POTHS, Annette	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>	G: yes U:	MCC: KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>					
	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:</i> #7: 4.6.0 #11: 4.7.0 #12: 4.8.0 #17: 4.9.0	
	smg-12 07/10/1994	4 . 8 . 0	<a href="#">get it</a>		
	smg-17 02/02/1996	4 . 9 . 0	<a href="#">get it</a>		
	Editorial 02/03/1996	4 . 9 . 1	<a href="#">get it</a>		

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

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

*history (event, available, version,*  
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*  
smg-09 21/01/1994 4 . 5 . 0 [get it](#) *remarks - this release:* #7: 4.4.0 #9: 4.5.0 #17: 4.6.0  
smg-17 02/02/1996 4 . 6 . 0 [get it](#)  
Editorial 02/03/1996 4 . 6 . 1 [get it](#)

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## TS 04.84 Multi Party (MPHY) Supplementary Services; Stage 3

Ph2 *current version:* 4.3.2 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 0 [get it](#) *remarks - general:*  
smg-09 21/01/1994 4 . 3 . 0 [get it](#) *remarks - this release:* #7: 4.2.0 #9: 4.3.0  
ETSI Publication 21/02/1994 4 . 3 . 2 [get it](#)

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## TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

Ph2 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-18 12/04/1996 4 . 1 . 0 [get it](#) *remarks - this release:* #7: 4.0.0 #18: 4.1.0  
Editorial 12/05/1996 4 . 1 . 1 [get it](#)

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## TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

Ph2 *current version:* 4.5.2 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 4 . 0 [get it](#) *remarks - this release:* #7: 4.2.0 #8: 4.4.0 #11: 4.5.0  
smg-11 01/07/1994 4 . 5 . 0 [get it](#)  
ETSI Publication 14/03/1995 4 . 5 . 2 [get it](#)

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

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**TS 04.88 Call Barring (CB) Supplementary Services; Stage 3**

Ph2 *current version:* 4.7.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 6 . 0  
smg-17 02/02/1996 4 . 7 . 0  
Editorial 02/03/1996 4 . 7 . 1

*WG (prime / other):* N4 / - *rapporteur:* HAMEL, Eric France Telecom  
*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](#)

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**TS 04.90 Unstructured Supplementary Service Data (USSD)**

Ph2 *current version:* 4.1.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-08 01/10/1993 4 . 0 . 0  
smg-12 07/10/1994 4 . 1 . 0  
Editorial 07/11/1994 4 . 1 . 1

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo ETSI Secretariat  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #8: 4.0.0 #12: 4.1.0  
[get it](#)

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Ph2 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.01 Physical Layer on the Radio Path (General Description)**

Ph2 *current version:* 4.6.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 1 . 0  
smg-08 01/10/1993 4 . 2 . 0  
smg-10 15/04/1994 4 . 3 . 0  
smg-13 27/01/1995 4 . 4 . 0  
smg-14 07/04/1995 4 . 5 . 0  
smg-16 20/10/1995 4 . 6 . 0

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*G: yes U:* *MCC:* USAI, Paolino  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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## TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph2 *current version:* 4.11.0

*freeze\_meeting:*

*history (event, available, version,*

smg-07 25/06/1993 4 . 3 . 0

smg-09 21/01/1994 4 . 4 . 0

smg-15 07/07/1995 4 . 5 . 0

smg-16 20/10/1995 4 . 6 . 0

smg-17 02/02/1996 4 . 7 . 0

smg-20 11/10/1996 4 . 8 . 0

smg-22 13/06/1997 4 . 9 . 0

smg-28 12/02/1999 4 . 10 . 0

ETSI Publication 22/07/1999 4 . 10 . 1

GP-06 01/10/2001 4 . 11 . 0

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

*G: yes U:*

*MCC:* USAI, Paolino

NOKIA Corporation

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

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

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[get it](#)

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## TS 05.03 Channel coding

Ph2 *current version:* 4.5.1

*freeze\_meeting:*

*history (event, available, version,*

smg-07 25/06/1993 4 . 1 . 0

smg-13 27/01/1995 4 . 2 . 0

smg-15 07/07/1995 4 . 3 . 0

smg-21 14/02/1997 4 . 4 . 0

smg-22 13/06/1997 4 . 5 . 0

Editorial 13/07/1997 4 . 5 . 1

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

*G: yes U:*

*MCC:* USAI, Paolino

NOKIA Corporation

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

[get it](#) *remarks - this release:* #7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TS 05.04 Modulation

Ph2 *current version:* 4.0.3

*freeze\_meeting:*

*history (event, available, version,*

smg-07 25/06/1993 4 . 0 . 0

ETSI publication 13/09/1994 4 . 0 . 3

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

*G: yes U:*

*MCC:* USAI, Paolino

NOKIA Corporation

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

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

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

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## TS 05.05 Radio Transmission and Reception

Ph2 current version: 4.23.1

freeze\_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 6 . 0

smg-08 01/10/1993 4 . 7 . 0

smg-09 21/01/1994 4 . 8 . 0

smg-10 15/04/1994 4 . 9 . 0

smg-13 27/01/1995 4 . 10 . 0

smg-14 07/04/1995 4 . 11 . 0

smg-16 20/10/1995 4 . 13 . 0

smg-17 02/02/1996 4 . 14 . 0

smg-18 12/04/1996 4 . 15 . 0

smg-19 28/06/1996 4 . 16 . 0

smg-20 11/10/1996 4 . 17 . 0

smg-21 14/02/1997 4 . 18 . 0

smg-22 13/06/1997 4 . 19 . 0

smg-23 17/10/1997 4 . 20 . 0

smg-24 19/12/1997 4 . 21 . 0

smg-26 26/06/1998 4 . 22 . 0

smg-29 25/06/1999 4 . 23 . 0

ETSI Publication 17/12/1999 4 . 23 . 1

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

G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:

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

[get it](#)

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

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Server ACTIVE specs Ph2 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.08 Radio Subsystem Link Control

Ph2 current version: 4.22.1

freeze\_meeting:

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

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-07 25/06/1993 4 . 6 . 0

[get it](#) remarks - general:

smg-08 01/10/1993 4 . 7 . 0

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

smg-09 21/01/1994 4 . 8 . 0

[get it](#)

smg-10 15/04/1994 4 . 9 . 0

[get it](#)

smg-11 01/07/1994 4 . 10 . 0

[get it](#)

smg-12 07/10/1994 4 . 11 . 0

[get it](#)

smg-13 27/01/1995 4 . 12 . 0

[get it](#)

smg-14 07/04/1995 4 . 13 . 0

[get it](#)

smg-15 07/07/1995 4 . 14 . 0

[get it](#)

smg-16 20/10/1995 4 . 15 . 0

[get it](#)

smg-17 02/02/1996 4 . 16 . 0

[get it](#)

smg-18 12/04/1996 4 . 17 . 0

[get it](#)

smg-19 28/06/1996 4 . 18 . 0

[get it](#)

smg-22 13/06/1997 4 . 19 . 0

[get it](#)

smg-23 17/10/1997 4 . 20 . 0

[get it](#)

smg-24 19/12/1997 4 . 21 . 0

[get it](#)

smg-27 16/10/1998 4 . 22 . 0

[get it](#)

ETSI Publication 09/03/1999 4 . 22 . 1

[get it](#)

## TS 05.10 Radio subsystem synchronization

Ph2 current version: 4.9.0

freeze\_meeting:

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-07 25/06/1993 4 . 2 . 0

[get it](#) remarks - general:

smg-08 01/10/1993 4 . 3 . 0

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

smg-09 21/01/1994 4 . 4 . 0

[get it](#)

smg-13 27/01/1995 4 . 5 . 0

[get it](#)

smg-14 07/04/1995 4 . 6 . 0

[get it](#)

smg-16 20/10/1995 4 . 7 . 0

[get it](#)

smg-17 02/02/1996 4 . 8 . 0

[get it](#)

smg-18 12/04/1996 4 . 9 . 0

[get it](#)

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

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**TR 05.22 Radio link management in hierarchical networks**  
Ph2 *current version:* 4.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-18 12/04/1996 4 . 0 . 0

*WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* #18: 4.0.0

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**TR 05.50 Background for RF Requirements**  
Ph2 *current version:* 4.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-08 01/10/1993 4 . 0 . 0  
smg-13 27/01/1995 4 . 1 . 0  
smg-17 02/02/1996 4 . 2 . 0

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*G: yes U:* *MCC:* Peter Skov  
USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #8: 4.0.0 #13: 4.1.0 #17: 4.2.0  
[get it](#)

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**TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations**  
Ph2 *current version:* 4.3.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-07 4 . 1 . 0  
smg-08 4 . 2 . 0  
ETSI publication 15/02/1994 4 . 2 . 1  
smg-15 15/08/1995 4 . 3 . 0

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

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

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Ph2 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.01 Full Rate Speech Processing Functions**  
Ph2 *current version:* 4.0.7  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 0 . 2  
smg-23 17/10/1997 4 . 0 . 6  
ETSI Publication 07/04/1998 4 . 0 . 7

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat  
*G: yes U:* *MCC:* USAI, Paolino

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

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

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Server ACTIVE specs Ph2 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

<b>TS 06.02</b>	<b>Half Rate Speech Processing Functions</b>					
Ph2	current version: 4.0.2	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	ETSI Publication 19/12/1995 4 . 0 . 2	<a href="#">get it</a>	remarks - this release: #13: 4.0.0			
<b>TS 06.06</b>	<b>Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec</b>					
Ph2	current version: 4.2.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-16 20/10/1995 4 . 0 . 2	<a href="#">get it</a>	remarks - this release: #13: 4.0.0 #16: 4.0.2 #17: 4.1.0 #23: 4.2.0			
	smg-17 02/02/1996 4 . 1 . 0	<a href="#">get it</a>				
	smg-23 17/10/1997 4 . 2 . 0	<a href="#">get it</a>				
	Editorial 17/11/1997 4 . 2 . 1	<a href="#">get it</a>				
<b>TS 06.07</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>					
Ph2	current version: 4.2.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-20 11/10/1996 4 . 1 . 0	<a href="#">get it</a>	remarks - this release: #13: 4.0.0 #20: 4.1.0 #22: 4.2.0			
	smg-22 13/06/1997 4 . 2 . 0	<a href="#">get it</a>				
	Editorial 13/07/1997 4 . 2 . 1	<a href="#">get it</a>				
<b>TR 06.08</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>					
Ph2	current version: 4.0.0	WG (prime / other): S4 / -	rapporteur: SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-16 20/10/1995 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: #16: 4.0.0			

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

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<b>TS 06.10</b>	<b>Full Rate Speech Transcoding</b>						
Ph2	<i>current version:</i> 4.3.0			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors	
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-23 17/10/1997	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	smg-32 20/06/2000	4 . 2 . 0		<a href="#">get it</a>			
	Editorial 20/07/2000	4 . 2 . 1		<a href="#">get it</a>			
	Correction of figure 3.2 29/06/2001	4 . 3 . 0		<a href="#">get it</a>			
<hr/>							
<b>TS 06.11</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>						
Ph2	<i>current version:</i> 4.0.6			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i>		
	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		
	ETSI Publication 07/04/1998	4 . 0 . 6		<a href="#">get it</a>			
<hr/>							
<b>TS 06.12</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>						
Ph2	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI Publication 13/09/1994	4 . 0 . 4		<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.0.1		
	SP-12 29/06/2001	4 . 1 . 0		<a href="#">get it</a>			
<hr/>							
<b>TS 06.20</b>	<b>Half Rate Speech Transcoding</b>						
Ph2	<i>current version:</i> 4.3.1			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>						
	smg-13 27/01/1995	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-14 07/04/1995	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #13: 4.0.0 #14: 4.1.0 #17: 4.3.0		
	smg-17 02/02/1996	4 . 3 . 0		<a href="#">get it</a>			
	ETSI Publication 03/03/1996	4 . 3 . 1		<a href="#">get it</a>			

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<b>TS 06.21</b>	<b>Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels</b>					
Ph2	current version: 4.0.2	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	ETSI Publication 19/12/1995 4 . 0 . 2	<a href="#">get it</a>	remarks - this release: #13: 4.0.0			
<hr/>						
<b>TS 06.22</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>					
Ph2	current version: 4.1.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-15 07/07/1995 4 . 1 . 0	<a href="#">get it</a>	remarks - this release: #13: 4.0.0 #15: 4.1.0			
	Editorial 07/08/1995 4 . 1 . 1	<a href="#">get it</a>				
<hr/>						
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>					
Ph2	current version: 4.0.5	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-07 25/06/1993 4 . 0 . 1	<a href="#">get it</a>	remarks - general:			
	smg-23 17/10/1997 4 . 0 . 5	<a href="#">get it</a>	remarks - this release: #7: 4.0.1 #23: 4.0.5			
<hr/>						
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>					
Ph2	current version: 4.3.1	WG (prime / other): S4 / -	rapporteur: BARRETT, Paul	Indicate persons who left Company and wait for new One		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-07 25/06/1993 4 . 0 . 1	<a href="#">get it</a>	remarks - general:			
	smg-13 27/01/1995 4 . 1 . 0	<a href="#">get it</a>	remarks - this release: #7: 4.0.1 #9: 4.0.3 #13: 4.1.0 #17: 4.2.0 #20: 4.2.1 #23: 4.3.0			
	smg-17 02/02/1996 4 . 2 . 0	<a href="#">get it</a>				
	smg-23 17/10/1997 4 . 3 . 0	<a href="#">get it</a>				
	Editorial 17/11/1997 4 . 3 . 1	<a href="#">get it</a>				

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<b>TS 06.41</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>						
Ph2	current version: 4.0.2	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-13 27/01/1995			<a href="#">get it</a>	remarks - general:		
	ETSI Publication 19/02/1995			<a href="#">get it</a>	remarks - this release: #13: 4.0.0		
	4 . 0 . 0						
	4 . 0 . 2						
<b>TS 06.42</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>						
Ph2	current version: 4.1.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-13 27/01/1995			<a href="#">get it</a>	remarks - general:		
	smg-15 07/07/1995			<a href="#">get it</a>	remarks - this release: #13: 4.0.0 #15: 4.1.0		
	Editorial 07/08/1995			<a href="#">get it</a>			
	4 . 0 . 0						
	4 . 1 . 0						
	4 . 1 . 1						
<b>TS 06.51</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>						
Ph2	current version: 4.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-22 13/06/1997			<a href="#">get it</a>	remarks - general:		
	ETSI publication 31/12/1997			<a href="#">get it</a>	remarks - this release: #22: 4.0.0 #32:4.1.0 TSG#10:4.2.0		
	smg-32 28/06/2000			<a href="#">get it</a>			
	ETSI publication 30/11/2000			<a href="#">get it</a>			
	SP-10 20/12/2000			<a href="#">get it</a>			
	4 . 0 . 0						
	4 . 0 . 1						
	4 . 1 . 0						
	4 . 1 . 1						
	4 . 2 . 0						
<b>TS 06.53</b>	<b>ANSI-C code for the GSM Enhanced full rate speech codec</b>						
Ph2	current version: 4.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-23 17/10/1997			<a href="#">get it</a>	remarks - general:		
	4 . 0 . 1				remarks - this release: #23: 4.0.1		

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## TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

Ph2 *current version:* 4.2.0

*freeze\_meeting:*

*history (event, available, version,*  
smg-22 13/06/1997 4 . 0 . 0  
ETSI publication 29/09/1998 4 . 0 . 1  
smg-32 20/06/2000 4 . 1 . 0  
SP-10 20/12/2000 4 . 2 . 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:* #22: 4.0.0 #32:4.1.0 TSG#10:4.2.0

[get it](#)

[get it](#)

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## TR 06.55 Performance characterisation of the GSM EFR Speech Codec

Ph2 *current version:* 4.0.0

*freeze\_meeting:*

*history (event, available, version,*  
smg-22 13/06/1997 4 . 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:* #22: 4.0.0

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## TS 06.60 Enhanced full rate speech transcoding

Ph2 *current version:* 4.1.1

*freeze\_meeting:*

*history (event, available, version,*  
smg-23 17/10/1997 4 . 0 . 0  
smg-25 20/03/1998 4 . 1 . 0  
ETSI Publication 24/08/2000 4 . 1 . 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:* #23: 4.0.1 #25: 4.1.0

[get it](#)

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## TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

Ph2 *current version:* 4.0.1

*freeze\_meeting:*

*history (event, available, version,*  
smg-22 13/06/1997 4 . 0 . 0  
Editorial 13/07/1997 4 . 0 . 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:* #22: 4.0.0

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## TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

Ph2 *current version:* 4.0.1

*freeze\_meeting:*

*history (event, available, version,*  
smg-23 17/10/1997 4 . 0 . 1

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari

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

NOKIA Corporation

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

*remarks - this release:* #23: 4.0.1

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

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**TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels**

Ph2 *current version:* 4.1.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 11/11/1999 4 . 1 . 0 [get it](#) *remarks - this release: #22: 4.0.0 #30: 4.1.0*  
ETSI Publication 09/08/2000 4 . 1 . 1 [get it](#)

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**TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels**

Ph2 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*  
Editorial 13/07/1997 4 . 0 . 1 [get it](#) *remarks - this release: #22: 4.0.0*

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Ph2 **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**

Ph2 *current version:* 4.10.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 5 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 6 . 0 [get it](#) *remarks - this release: #7: 4.5.0 #8: 4.6.0 #9: 4.6.1 #10: 4.7.0 #13: 4.8.0 #15: 4.9.0 #16: 4.10.0*  
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](#)

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## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* *G:* yes *U:* *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*  
smg-09 21/01/1994 4 . 4 . 2 [get it](#) *remarks - this release:* #7: 4.4.0 #9: 4.4.2 #11: 4.5.0  
smg-11 01/07/1994 4 . 5 . 0 [get it](#)  
Editorial 01/08/1994 4 . 5 . 1 [get it](#)

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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* *G:* yes *U:* *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*  
smg-09 21/01/1994 4 . 5 . 0 [get it](#) *remarks - this release:* #7: 4.4.0 #9: 4.5.0  
Editorial 21/02/1994 4 . 5 . 1 [get it](#)

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## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

Ph2 *current version:* 4.8.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:* #7: 4.2.1 #8: 4.3.0 #12: 4.4.0 #16: 4.5.0 #17: 4.6.0 #18: 4.7.0 #20: 4.8.0  
smg-12 07/10/1994 4 . 4 . 0 [get it](#)  
smg-16 20/10/1995 4 . 5 . 0 [get it](#)  
smg-17 02/02/1996 4 . 6 . 0 [get it](#)  
smg-18 12/04/1996 4 . 7 . 0 [get it](#)  
smg-20 11/10/1996 4 . 8 . 0 [get it](#)  
Editorial 11/11/1996 4 . 8 . 1 [get it](#)

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## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

Ph2 *current version:* 4.4.1 *WG (prime / other):* T2 / - *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: MCC: RODERMUND, Friedhelm

*history (event, available, version,*  
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 MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: Peter Skov  
THOMASEN, Gert

*history (event, available, version,*  
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 13/09/1994 4 . 0 . 3 [get it](#) *remarks - this release:* #7: 4.0.0

## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph2 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: Peter Skov  
THOMASEN, Gert

*history (event, available, version,*  
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:* #7: 4.0.0 #10: 4.1.0 #13: 4.2.0  
smg-13 27/01/1995 4 . 2 . 0 [get it](#)

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## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

Ph2 *current version:* 4.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 13/09/1994 4 . 0 . 3 [get it](#) *remarks - this release:* #7: 4.0.0  
*MCC:* THOMASEN, Gert  
*G: yes U:*

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## TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

Ph2 *current version:* 4.5.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #12: 4.5.0  
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](#)  
*MCC:* THOMASEN, Gert  
*G: yes U:*

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## TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

Ph2 *current version:* 4.12.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 5 . 0 [get it](#) *remarks - this release:*  
smg-09 21/01/1994 4 . 6 . 0 [get it](#)  
smg-10 15/04/1994 4 . 7 . 0 [get it](#)  
smg-13 27/01/1995 4 . 8 . 0 [get it](#)  
smg-15 07/07/1995 4 . 9 . 0 [get it](#)  
smg-16 20/10/1995 4 . 10 . 0 [get it](#)  
smg-17 02/02/1996 4 . 11 . 0 [get it](#)  
smg-23 17/10/1997 4 . 12 . 0 [get it](#)  
ETSI Publication 23/10/1998 4 . 12 . 1 [get it](#)  
*MCC:* THOMASEN, Gert  
*G: yes U:*

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<b>TS 08.20</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>						
Ph2	current version: 4.2.3	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,						
	smg-07 25/06/1993 4 . 2 . 1				<a href="#">get it</a>	remarks - general:	
	smg-13 27/01/1995 4 . 2 . 3				<a href="#">get it</a>	remarks - this release:	
<b>TS 08.51</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>						
Ph2	current version: 4.1.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:	G: yes U:	Peter Skov				
	history (event, available, version,		THOMASEN, Gert				
	smg-07 25/06/1993 4 . 0 . 1				<a href="#">get it</a>	remarks - general:	
	smg-13 27/01/1995 4 . 1 . 0				<a href="#">get it</a>	remarks - this release: #7: 4.0.1 #13: 4.1.0	
<b>TS 08.52</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles</b>						
Ph2	current version: 4.2.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:	G: yes U:	Peter Skov				
	history (event, available, version,		THOMASEN, Gert				
	smg-07 25/06/1993 4 . 0 . 1				<a href="#">get it</a>	remarks - general:	
	smg-13 27/01/1995 4 . 1 . 0				<a href="#">get it</a>	remarks - this release: #7: 4.0.1 #13: 4.1.0 #14: 4.2.0	
	smg-14 07/04/1995 4 . 2 . 0				<a href="#">get it</a>		
<b>TS 08.54</b>	<b>BSC-BTS Layer 1; Structure of Physical Circuits</b>						
Ph2	current version: 4.1.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:	G: yes U:	Peter Skov				
	history (event, available, version,		THOMASEN, Gert				
	smg-07 26/06/1993 4 . 0 . 1				<a href="#">get it</a>	remarks - general:	
	smg-13 27/01/1995 4 . 1 . 0				<a href="#">get it</a>	remarks - this release: #7: 4.0.1 #13: 4.1.0	
<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>						
Ph2	current version: 4.0.2	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:	G: yes U:	Peter Skov				
	history (event, available, version,		THOMASEN, Gert				
	smg-08 01/10/1993 4 . 0 . 0				<a href="#">get it</a>	remarks - general:	
	ETSI Publication 13/09/1994 4 . 0 . 2				<a href="#">get it</a>	remarks - this release: #8: 4.0.0	

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<b>TS 08.58</b>	<b>Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>								
Ph2	<i>current version:</i> 4.9.0	WG (prime / other):	G2 / -	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i>				Peter Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 3 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-08 01/10/1993	4 . 4 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	#7: 4.3.0 #8: 4.4.0 #9: 4.5.0 #10: 4.6.0 #13: 4.7.0 #15: 4.8.0 #16: 4.9.0			
	smg-09 21/01/1994	4 . 5 . 0		<a href="#">get it</a>					
	smg-10 15/04/1994	4 . 6 . 0		<a href="#">get it</a>					
	smg-13 27/01/1995	4 . 7 . 0		<a href="#">get it</a>					
	smg-15 07/07/1995	4 . 8 . 0		<a href="#">get it</a>					
	smg-16 20/10/1995	4 . 9 . 0		<a href="#">get it</a>					

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<b>TS 08.60</b>	<b>In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels</b>								
Ph2	<i>current version:</i> 4.4.1	WG (prime / other):	G1 / -	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i>				Peter Skov				
		G: yes	U:	MCC:	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	smg-13 27/01/1995	4 . 2 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	smg-22 13/06/1997	4 . 3 . 0		<a href="#">get it</a>					
	smg-23 17/10/1997	4 . 4 . 0		<a href="#">get it</a>					
	Editorial 17/11/1997	4 . 4 . 1		<a href="#">get it</a>					

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<b>TS 08.61</b>	<b>In-band control of remote transcoders and rate adaptors for half rate traffic channels</b>								
Ph2	<i>current version:</i> 4.0.2	WG (prime / other):	G1 / NP	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i>				Peter Skov				
		G: yes	U:	MCC:	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-13 27/01/1995	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	ETSI Publication 19/01/1996	4 . 0 . 2		<a href="#">get it</a>	<i>remarks - this release:</i>				

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Ph2 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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<b>TR 09.01</b>	<b>General Network Interworking Scenarios</b>								
Ph2	current version: 4.0.1			WG (prime / other):	N4 / -	rapporteur:	VACANT,		
	freeze_meeting:			G: yes	U:	MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,								
	smg-08 01/10/1993	4	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-09 21/01/1994	4	.	0	.	1	<a href="#">get it</a>	remarks - this release:	#8: 4.0.0 #9: 4.0.1
<b>TS 09.02</b>	<b>Mobile Application Part (MAP) Specification</b>								
Ph2	current version: 4.19.1			WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD	
	freeze_meeting:			G: yes	U:	MCC:	Chalmers		
	history (event, available, version,						KYMALAINEN, Kimmo		
	smg-07 25/06/1993	4	.	4	.	0	<a href="#">get it</a>	remarks - general:	CN->N4 Apr00 (JMM)
	smg-08 01/10/1993	4	.	5	.	0	<a href="#">get it</a>	remarks - this release:	
	smg-09 21/01/1994	4	.	6	.	0	<a href="#">get it</a>		
	smg-10 15/04/1994	4	.	7	.	0	<a href="#">get it</a>		
	smg-11 01/07/1994	4	.	8	.	0	<a href="#">get it</a>		
	smg-12 07/10/1994	4	.	9	.	0	<a href="#">get it</a>		
	smg-13 27/01/1995	4	.	10	.	0	<a href="#">get it</a>		
	smg-14 07/04/1995	4	.	11	.	0	<a href="#">get it</a>		
	smg-16 20/10/1995	4	.	12	.	0	<a href="#">get it</a>		
	smg-17 02/02/1996	4	.	13	.	0	<a href="#">get it</a>		
	smg-19 28/06/1996	4	.	14	.	0	<a href="#">get it</a>		
	smg-20 11/10/1996	4	.	15	.	0	<a href="#">get it</a>		
	smg-21 14/02/1997	4	.	16	.	0	<a href="#">get it</a>		
	smg-22 13/06/1997	4	.	17	.	0	<a href="#">get it</a>		
	smg-23 17/10/1997	4	.	18	.	0	<a href="#">get it</a>		
	NP-08 23/06/2000	4	.	19	.	0	<a href="#">get it</a>		
	ETSI Publication 04/01/2001	4	.	19	.	1	<a href="#">get it</a>		
<b>TS 09.03</b>	<b>Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile</b>								
Ph2	current version: Network (PLMN)	4.0.3		WG (prime / other):	N3	/-	rapporteur:	BOSWARTHICK, David	
ETSI Secretariat									
	freeze_meeting:			G: yes	U:	MCC:	BOSWARTHICK, David		
	history (event, available, version,								
	smg-08 01/10/1993	4	.	0	.	0	<a href="#">get it</a>	remarks - general:	N3: "no R99 needed".
	smg-09 21/01/1994	4	.	0	.	1	<a href="#">get it</a>	remarks - this release:	#8: 4.0.0 #9: 4.0.1
	ETSI Publication 14/03/1995	4	.	0	.	3	<a href="#">get it</a>		

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<b>TS 09.04</b>	<b>Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)</b>								
Ph2	current version: 4.0.2	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,									
smg-07	25/06/1993	4	.	0	.	0	<a href="#">get it</a>	remarks - general:	N3: "no R99 needed".
smg-08	01/10/1993	4	.	0	.	1	<a href="#">get it</a>	remarks - this release:	#7: 4.0.0 #8: 4.0.1 #9: 4.0.2
smg-09	21/01/1994	4	.	0	.	2	<a href="#">get it</a>		

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<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>								
Ph2	current version: 4.4.2	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,									
smg-07	25/06/1993	4	.	3	.	0	<a href="#">get it</a>	remarks - general:	N3: "no R99 needed".
smg-08	01/10/1993	4	.	4	.	0	<a href="#">get it</a>	remarks - this release:	#7: 4.3.0 #8: 4.4.0 #9: 4.4.1
smg-09	21/01/1994	4	.	4	.	1	<a href="#">get it</a>		
ETSI Publication	13/09/1994	4	.	4	.	2	<a href="#">get it</a>		

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<b>TS 09.06</b>	<b>Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet</b>								
Ph2	current version: <b>Switched Data Transmission Services</b>	4.5.0	WG (prime / other):	N3	/-	rapporteur:	BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting:		G: yes	U:		MCC:	BOSWARTHICK, David		
history (event, available, version,									
smg-07	25/06/1993	4	.	3	.	0	<a href="#">get it</a>	remarks - general:	N3: "no R99 needed".
smg-09	21/01/1994	4	.	4	.	0	<a href="#">get it</a>	remarks - this release:	#7: 4.3.0 #9: 4.4.0 #12: 4.5.0
smg-12	07/10/1994	4	.	5	.	0	<a href="#">get it</a>		

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<b>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone</b>								
Ph2	<i>current version:</i> <b>Network (PSTN)</b>	4.13.1		<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert	
SIEMENS AG									
	<i>freeze_meeting:</i>		G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David			
<i>history (event, available, version,</i>									
smg-07	25/06/1993	4 . 4 . 0			<a href="#">get it</a>	<i>remarks - general:</i>			
smg-08	01/10/1993	4 . 5 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #13: 4.8.0 #14: 4.9.0 #16: 4.10.0 #18: 4.11.0 #20: 4.12.0 #27: 4.13.0			
smg-09	21/01/1994	4 . 6 . 0			<a href="#">get it</a>				
smg-10	15/04/1994	4 . 7 . 0			<a href="#">get it</a>				
smg-13	27/01/1995	4 . 8 . 0			<a href="#">get it</a>				
smg-14	07/04/1995	4 . 9 . 0			<a href="#">get it</a>				
smg-16	20/10/1995	4 . 10 . 0			<a href="#">get it</a>				
smg-18	12/04/1996	4 . 11 . 0			<a href="#">get it</a>				
smg-20	11/10/1996	4 . 12 . 0			<a href="#">get it</a>				
smg-27	16/10/1998	4 . 13 . 0			<a href="#">get it</a>				
ETSI Publication	23/03/1999	4 . 13 . 1			<a href="#">get it</a>				

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<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>	JUKIC, Zdravko Telefon AB LM Ericsson		
	<i>freeze_meeting:</i>		G: yes	U:	<i>MCC:</i>	JORGENSEN, Per Johan			
<i>history (event, available, version,</i>									
smg-09	21/01/1994	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>			
smg-13	27/01/1995	4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> #9: 4.0.0 #13: 4.1.0			
Editorial	27/02/1995	4 . 1 . 1			<a href="#">get it</a>				

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<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> <b>Procedures and the Mobile Application Part (MAP)</b>	4.4.1		<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	VACANT,		
	<i>freeze_meeting:</i>		G: yes	U:	<i>MCC:</i>	KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>									
smg-08	01/10/1993	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>			
smg-09	21/01/1994	4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> #8: 4.0.0 #9: 4.1.0 #10: 4.2.0 #17: 4.3.0 #23: 4.4.0			
smg-10	15/04/1994	4 . 2 . 0			<a href="#">get it</a>				
smg-17	02/02/1996	4 . 3 . 0			<a href="#">get it</a>				
smg-23	17/10/1997	4 . 4 . 0			<a href="#">get it</a>				
Editorial	17/11/1997	4 . 4 . 1			<a href="#">get it</a>				

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

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## TS 09.11 Signalling Interworking for Supplementary Services

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* HAMEL, Eric France Telecom  
*freeze\_meeting:* *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #12: 4.4.0 #13: 4.5.0 #19: 4.6.0  
smg-09 21/01/1994 4 . 3 . 0 [get it](#)  
smg-12 07/10/1994 4 . 4 . 0 [get it](#)  
smg-13 27/01/1995 4 . 5 . 0 [get it](#)  
smg-19 28/06/1996 4 . 6 . 0 [get it](#)  
Editorial 28/07/1996 4 . 6 . 1 [get it](#)

## TS 09.12 Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling

Ph2 *current version:* 4.2.2 *WG (prime / other):* SPA / N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB  
*freeze\_meeting:* *G: yes U:* *MCC:*

*history (event, available, version,*  
smg-17 02/02/1996 4 . 0 . 0 [get it](#) *remarks - general:* EN 300 646  
ETSI vote 06/02/1997 4 . 1 . 0 [get it](#) *remarks - this release:* #17: 4.0.0 #22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.  
ETSI publication 16/05/1997 4 . 1 . 1 [get it](#)  
smg-22 13/06/1997 4 . 2 . 1 [get it](#)  
ETSI publication 26/05/1999 4 . 2 . 2 [get it](#)

## TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

Ph2 *current version:* 4.9.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* *G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*  
smg-15 07/07/1995 4 . 5 . 0 [get it](#) *remarks - general:*  
smg-16 ? 20/10/1995 4 . 6 . 0 [get it](#) *remarks - this release:*  
smg-18 12/04/1996 4 . 7 . 0 [get it](#)  
smg-19 28/06/1996 4 . 8 . 0 [get it](#)  
smg-22 13/06/1997 4 . 9 . 0 [get it](#)

## TS 09.91 Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2

Ph2 *current version:* 4.0.1 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* *G: yes U:* *MCC:* DIETZE, Claus

*history (event, available, version,*  
smg-10 15/04/1994 4 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 15/05/1994 4 . 0 . 1 [get it](#) *remarks - this release:* #10: 4.0.0

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

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<b>TR 09.94</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) faults</b>		
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels MOTOROLA A/S Peter Skov
	<i>freeze_meeting:</i> tbd		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JORGENSEN, Per Johan
<i>history (event, available, version,</i>			
smg-14 07/04/1995	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-15 07/07/1995	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> v4.x.x belongs to all releases from ph2 onwards. 2002-05-02 (Hietalahti): Anticipate recast as null document pointing to latest Release version.
smg-16 20/10/1995	4 . 2 . 0	<a href="#">get it</a>	
smg-19 28/06/1996	4 . 3 . 0	<a href="#">get it</a>	
smg-23 17/10/1997	4 . 4 . 0	<a href="#">get it</a>	
smg-30 11/11/1999	4 . 5 . 0	<a href="#">get it</a>	
NP-16	4 . 6 . 0		

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Ph2 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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Server [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification

Ph2 current version: 4.29.0

WG (prime / other):

G5

/ S1 /

rapporteur: SALMERON, Lidia

ETSI Secretariat

NP /

T2 /

SCP

/ G4

freeze\_meeting:

G: yes U:

MCC:

SALMERON, Lidia

history (event, available, version,

smg-16 20/10/1995 4 . 13 . 0

smg-17 02/02/1996 4 . 14 . 0

replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

smg-18 12/04/1996 4 . 15 . 0

smg-19 28/06/1996 4 . 16 . 0

smg-20 11/10/1996 4 . 17 . 0

smg-21 14/02/1997 4 . 18 . 0

smg-22 13/06/1997 4 . 19 . 0

smg-23 17/10/1997 4 . 20 . 0

smg-24 19/10/1997 4 . 21 . 0

smg-25 20/03/1998 4 . 22 . 0

smg-26 26/06/1998 4 . 23 . 1

smg-27 16/10/1998 4 . 24 . 0

smg-28 12/02/1999 4 . 25 . 0

smg-29 25/06/1999 4 . 26 . 0

smg-30 11/11/1999 4 . 27 . 0

smg-31 16/02/2000 4 . 28 . 0

ETSI Publication 08/09/2000 4 . 28 . 1

GP-06 06/09/2001 4 . 29 . 0

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remarks - general:

R99 version now serves all releases. Earlier releases closed.. Subsequently

remarks - this release: #31b: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.

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## 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):

G5

/ S1 /

rapporteur: SALMERON, Lidia

ETSI Secretariat

NP /

T2 /

SCP

/ G4

freeze\_meeting:

G: yes U:

MCC:

SALMERON, Lidia

history (event, available, version,

smg-16 20/10/1995 4 . 13 . 0

smg-17 02/02/1996 4 . 14 . 0

smg-18 12/04/1996 4 . 15 . 0

GP-06 06/09/2001 4 . 16 . 0

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remarks - general:

2001-11-19: G4->G5.

remarks - this release: GP-06: Rel-4 serves all releases.

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

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ACTIVE specs Ph2 11 .- series  
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## TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Ph2 current version: 4.34.0

WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia ETSI Secretariat

freeze\_meeting:

NP /  
T2 /  
SCP  
/ G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-16	20/10/1995	4	.	13	.	0
smg-17	02/02/1996	4	.	14	.	0
smg-18	12/04/1996	4	.	15	.	0
smg-19	28/06/1996	4	.	16	.	0
ETSI publication	27/01/1997	4	.	16	.	1
smg-20	11/10/1996	4	.	17	.	0
ETSI publication	04/06/1997	4	.	17	.	1
smg-21	14/02/1997	4	.	18	.	0
ETSI publication	11/09/1997	4	.	18	.	1
smg-22	13/06/1997	4	.	19	.	0
ETSI publication	02/02/1998	4	.	19	.	1
smg-23	17/10/1997	4	.	20	.	0
ETSI publication	11/05/1998	4	.	20	.	1
smg-24	19/12/1997	4	.	21	.	0
ETSI publication	24/08/1998	4	.	21	.	1
smg-25	20/03/1998	4	.	22	.	0
ETSI publication	23/10/1998	4	.	22	.	1
smg-26	26/06/1998	4	.	23	.	0
ETSI publication	16/12/1998	4	.	23	.	1
smg-27	16/10/1998	4	.	24	.	0
ETSI publication	08/04/1999	4	.	24	.	1
smg-28	12/02/1999	4	.	25	.	0
ETSI publication	25/08/1999	4	.	25	.	1
smg-29	25/06/1999	4	.	26	.	0
ETSI publication	23/12/1999	4	.	26	.	1
smg-30	11/11/1999	4	.	27	.	0
ETSI publication	23/06/2000	4	.	27	.	1
smg-31	16/02/2000	4	.	28	.	0
ETSI publication	05/10/2000	4	.	28	.	1
smg-32	20/06/2000	4	.	29	.	0
GP-02	01/12/2000	4	.	30	.	0
GP-03	25/01/2001	4	.	31	.	0

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remarks - general: 2001-11-19: G4->G5.

[get it](#)

remarks - this release: GP-06: Rel-4 serves all releases.

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GP-04	11/04/2001	4 . 32 . 0	<a href="#">get it</a>
GP-05	28/06/2001	4 . 33 . 0	<a href="#">get it</a>
GP-06	06/09/2001	4 . 34 . 0	<a href="#">get it</a>

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## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph2 current version: 4.21.1

WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
freeze\_meeting: G: yes U: MCC: DIETZE, Claus

comments):

history (event, available, version,

smg-07	25/06/1993	4 . 8 . 0	<a href="#">get it</a>	remarks - general:
smg-08	01/10/1993	4 . 9 . 0	<a href="#">get it</a>	remarks - this release:
smg-09	21/01/1994	4 . 10 . 0	<a href="#">get it</a>	
smg-10	15/04/1994	4 . 11 . 0	<a href="#">get it</a>	
smg-11	01/07/1994	4 . 12 . 0	<a href="#">get it</a>	
smg-12	07/10/1994	4 . 13 . 0	<a href="#">get it</a>	
smg-13	27/01/1995	4 . 14 . 0	<a href="#">get it</a>	
smg-15	07/04/1995	4 . 15 . 0	<a href="#">get it</a>	
smg-16	20/10/1995	4 . 16 . 0	<a href="#">get it</a>	
smg-18	12/04/1996	4 . 17 . 0	<a href="#">get it</a>	
smg-19	28/06/1996	4 . 18 . 0	<a href="#">get it</a>	
smg-22	13/06/1997	4 . 19 . 0	<a href="#">get it</a>	
smg-25	20/03/1998	4 . 20 . 0	<a href="#">get it</a>	
smg-29	25/06/1999	4 . 21 . 0	<a href="#">get it</a>	
ETSI Publication	17/12/1999	4 . 21 . 1	<a href="#">get it</a>	

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## TS 11.12 Specification on the 3 Volt subscriber identity module Equipment (SIM-ME) Interface

Ph2 current version: 4.3.1

WG (prime / other): T3 / - rapporteur: LINDHOLM, Rune NOKIA MOBILE PHONES  
freeze\_meeting: G: yes U: MCC: DIETZE, Claus

history (event, available, version,

smg-15	07/07/1995	4 . 0 . 0	<a href="#">get it</a>	remarks - general:
smg-17	02/02/1996	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:
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>	

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

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<b>TS 11.21</b>	<b>Base Station System (BSS) equipment specification; Radio aspects</b>				
Ph2	current version: 4.14.1	WG (prime / other):	G3 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino
	history (event, available, version,				
	smg-11 01/07/1994	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-12 07/10/1994	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	smg-13 27/01/1995	4 . 2 . 0	<a href="#">get it</a>		
	smg-15 07/07/1995	4 . 3 . 0	<a href="#">get it</a>		
	smg-16 20/10/1995	4 . 4 . 0	<a href="#">get it</a>		
	smg-17 02/02/1996	4 . 5 . 0	<a href="#">get it</a>		
	smg-18 12/04/1996	4 . 6 . 0	<a href="#">get it</a>		
	smg-20 11/10/1996	4 . 7 . 0	<a href="#">get it</a>		
	smg-22 13/06/1997	4 . 8 . 0	<a href="#">get it</a>		
	smg-23 17/10/1997	4 . 9 . 0	<a href="#">get it</a>		
	smg-25 20/03/1998	4 . 10 . 0	<a href="#">get it</a>		
	smg-26 26/06/1998	4 . 11 . 0	<a href="#">get it</a>		
	smg-27 16/10/1998	4 . 12 . 0	<a href="#">get it</a>		
	smg-28 12/02/1999	4 . 13 . 0	<a href="#">get it</a>		
	smg-29 25/06/1999	4 . 14 . 0	<a href="#">get it</a>		
	ETSI Publication 17/12/1999	4 . 14 . 1	<a href="#">get it</a>		

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<b>TR 11.22</b>	<b>GSM Base Station and Ancillary Equipment, Physical and Electrical Parameters, Application of Standards and Guidance Notes</b>				
Ph2	current version: 4.2.0	WG (prime / other):	G3 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino
	history (event, available, version,				
	<to be defined>	4 . 0 . 0		remarks - general:	
	smg-21 14/02/1997	4 . 1 . 3	<a href="#">get it</a>	remarks - this release:	.
	smg-31 bis 17/04/2000	4 . 2 . 0	<a href="#">get it</a>		

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



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<b>TS 11.23</b>	<b>GSM Signalling Aspects Base Station System equipment Specification</b>								
Ph2	current version: 4.9.1	WG (prime / other):	G3 / -	rapporteur:	VACANT,				
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,									
smg-11	01/07/1994	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
smg-15	07/07/1995	4 . 1 . 0		<a href="#">get it</a>	remarks - this release:	#11: 4.0.0 #14: 4.1.0 #15: 4.1.0 #16: 4.2.0 #17: 4.3.0 #18: 4.4.0 #19: 4.5.0			
						#21: 4.6.0 #22: 4.7.0 #23: 4.8.0 #25: 4.9.0			
smg-16	20/10/1995	4 . 2 . 0		<a href="#">get it</a>					
smg-17	02/02/1996	4 . 3 . 0		<a href="#">get it</a>					
smg-18	12/04/1996	4 . 4 . 0		<a href="#">get it</a>					
smg-19	28/06/1996	4 . 5 . 0		<a href="#">get it</a>					
smg-21	14/02/1997	4 . 6 . 0		<a href="#">get it</a>					
smg-22	13/06/1997	4 . 7 . 0		<a href="#">get it</a>					
smg-23	17/10/1997	4 . 8 . 0		<a href="#">get it</a>					
smg-25	20/03/1998	4 . 9 . 0		<a href="#">get it</a>					
Editorial	20/10/1998	4 . 9 . 1		<a href="#">get it</a>					

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<b>TS 11.24</b>	<b>GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification</b>								
Ph2	current version: 4.3.1	WG (prime / other):	G3 / -	rapporteur:	VACANT,				
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,									
smg-14	07/04/1995	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
smg-20	11/10/1996	4 . 1 . 0		<a href="#">get it</a>	remarks - this release:	#14: 4.00 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0			
smg-25	20/03/1998	4 . 2 . 0		<a href="#">get it</a>					
smg-27	16/10/1998	4 . 3 . 0		<a href="#">get it</a>					
Editorial correction	16/10/1998	4 . 3 . 1		<a href="#">get it</a>					

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<b>TS 11.26</b>	<b>Base Station System (BSS) equipment specification; Part 4: Repeaters</b>								
Ph2	current version: 4.2.2	WG (prime / other):	G3 / -	rapporteur:	VACANT,				
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,									
smg-15	07/07/1995	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
smg-17	02/02/1996	4 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
smg-18	12/04/1996	4 . 2 . 0		<a href="#">get it</a>					
smg-20	11/10/1996	4 . 2 . 2		<a href="#">get it</a>					

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

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Ph2 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.00 Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management**

Ph2 current version: 4.6.0 WG (prime / other): S5 / - rapporteur: TRUSS, Michael MOTOROLA Ltd  
freeze\_meeting: G: yes U: MCC: ZOICAS, Adrian  
history (event, available, version,  
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-11 01/07/1994 4 . 2 . 0 [get it](#)  
smg-15 07/07/1995 4 . 3 . 0 [get it](#)  
smg-16 20/10/1995 4 . 4 . 0 [get it](#)  
smg-17 02/02/1996 4 . 5 . 0 [get it](#)  
smg-23 17/10/1997 4 . 6 . 0 [get it](#)

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**TS 12.01 Network Management (NM); Part 2: Common aspects of SM/DCS 1800 Network Management**

Ph2 current version: 4.4.1 WG (prime / other): S5 / NP rapporteur: TRUSS, Michael MOTOROLA Ltd  
freeze\_meeting: G: yes U: MCC: ZOICAS, Adrian  
history (event, available, version,  
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-10 15/04/1994 4 . 2 . 0 [get it](#)  
smg-11 01/07/1994 4 . 3 . 0 [get it](#)  
smg-17 02/02/1996 4 . 4 . 0 [get it](#)  
Editorial 02/02/1996 4 . 4 . 1 [get it](#)

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**TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration**

Ph2 current version: 4.6.1 WG (prime / other): S5 / S1 rapporteur: TRUSS, Michael MOTOROLA Ltd  
freeze\_meeting: G: yes U: MCC: ZOICAS, Adrian  
history (event, available, version,  
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-09 21/01/1994 4 . 2 . 0 [get it](#)  
smg-11 01/07/1994 4 . 3 . 0 [get it](#)  
smg-15 07/07/1995 4 . 4 . 0 [get it](#)  
smg-16 20/10/1995 4 . 5 . 0 [get it](#)  
smg-17 02/02/1996 4 . 6 . 0 [get it](#)  
Editorial 02/02/1996 4 . 6 . 1 [get it](#)

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

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Server ACTIVE specs Ph2 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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<b>TS 12.03</b>	<b>Security Management</b>					
Ph2	<i>current version:</i> 4.2.1					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</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>			
<hr/>						
<b>TS 12.04</b>	<b>Performance data measurements</b>					
Ph2	<i>current version:</i> 4.3.1					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</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>			
<hr/>						
<b>TS 12.05</b>	<b>Subscriber Related Call and Event Data</b>					
Ph2	<i>current version:</i> 4.3.1					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</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>			

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

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## TS 12.06 Network Configuration Management and Administration

Ph2 *current version:* 4.1.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-11 01/07/1994 4 . 0 . 0  
smg-12 07/10/1994 4 . 0 . 1  
smg-17 02/02/1996 4 . 1 . 0  
Editorial correction 02/02/1996 4 . 1 . 1

*WG (prime / other):* S5 / NP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*G: yes U:* *MCC:* ZOICAS, Adrian  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

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## TS 12.08 Subscriber and Equipment trace

Ph2 *current version:* 4.6.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-12 07/10/1994 4 . 0 . 0  
smg-14 07/04/1995 4 . 1 . 0  
smg-16 20/10/1995 4 . 2 . 0  
smg-18 12/04/1996 4 . 3 . 0  
smg-20 11/10/1996 4 . 4 . 0  
smg-22 13/06/1997 4 . 5 . 0  
smg-23 17/10/1997 4 . 6 . 0  
ETSI publication 30/10/2001 4 . 6 . 1

*WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation  
*G: yes U:* *MCC:* ZOICAS, Adrian  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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## TS 12.11 Fault management of the Base Station System (BSS)

Ph2 *current version:* 4.2.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-26 26/06/1998 4 . 2 . 0  
Editorial correction 26/06/1998 4 . 2 . 1

*WG (prime / other):* S5 / S1 / GP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*G: yes U:* *MCC:* ZOICAS, Adrian  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

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

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Server ACTIVE specs Ph2 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## 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:* G: yes U: *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
smg-09 21/01/1994 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-11 01/07/1994 4 . 1 . 0 [get it](#) *remarks - this release:* #9: 4.0.0 #11: 4.1.0 #13: 4.1.1 #17: 4.2.0  
smg-13 27/01/1995 4 . 1 . 1 [get it](#)  
smg-17 02/02/1996 4 . 2 . 0 [get it](#)  
Editorial correction 02/02/1996 4 . 2 . 1 [get it](#)

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## TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.  
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*  
smg-09 21/01/1994 4 . 3 . 0 [get it](#)  
smg-11 01/07/1994 4 . 4 . 0 [get it](#)  
smg-13 27/01/1995 4 . 5 . 0 [get it](#)  
smg-16 20/10/1995 4 . 5 . 2 [get it](#)  
ETSI publication 4 . 5 . 4  
smg-21 14/02/1997 4 . 6 . 0 [get it](#)

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## 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):* G3 / S5 *rapporteur:* YUHAN, Albert VoiceStream Wireless Corporation  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-11 01/07/1994 4 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.  
smg-13 27/01/1995 4 . 1 . 0 [get it](#) *remarks - this release:*  
PE88 24/07/1995 4 . 1 . 1 [get it](#)  
smg-16 20/10/1995 4 . 1 . 2 [get it](#)  
V100 25/03/1996 4 . 1 . 3 [get it](#)  
ETSI publication 04/09/1996 4 . 1 . 4 [get it](#)

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

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ACTIVE specs Ph2 12 .- series  
Server [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## TR 12.30 ETSI Object Identifier Tree; Mobile Domain O&M

Ph2 *current version:* 4.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-10 15/04/1994 4 . 0 . 0  
smg-11 01/07/1994 4 . 1 . 0  
smg-15 07/07/1995 4 . 2 . 0

*WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*G: yes U:* *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #10: 4.0.0 #11: 4.1.0 #15: 4.2.0  
[get it](#)

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Ph2 **TB** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

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## TS TBR19 General Attachment Requirements for GSM Mobile Stations

Ph2 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* MSG / - *rapporteur:*  
*G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:* #14: Ed1 #16: 4.0.0 #17: 4.1.0 #18: 4.2.0 #21: 4.2.1 #22: 4.3.0 #24: 4.4.0 #29:  
4.5.0 (was originally 13.01)

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## TS TBR20 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph2 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* MSG / - *rapporteur:*  
*G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:* #14: Ed1 #16: 4.0.0 #17: 4.0.1 Feb97: 4.0.2

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## TS TBR31 General Attachment Requirements for DCS Mobile Stations

Ph2 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* MSG / - *rapporteur:*  
*G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:* #17: 4.0.0 May99: 4.1.0 (was originally 13.02)

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

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Server ACTIVE specs Ph2 TB .- series  
[http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

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## TS TBR32 Attachment Requirements for DCS Terminal Equipment (Telephony)

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*  
*freeze\_meeting:* G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* #17: 4.0.0

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## 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)

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## TS 03.20 Security-related Network Functions

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom  
*freeze\_meeting:* GP Sebastien  
G: yes U: MCC: POPE, Maurice  
*history (event, available, version,*  
smg-07 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #7: 3.0.0

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Ph1-EXT 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.08 Mobile radio interface layer 3 specification

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* G: yes U: MCC: JORGENSEN, Per Johan  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert  
*remarks - this release:* Thomasen (even numbered CRs!)

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

# 3GPP specification status

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Server ACTIVE specs Ph1-EXT 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

Ph1-EXT 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
*history (event, available, version,* G: yes U: *MCC:* THOMASEN, Gert  
01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #7: 3.0.0

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**TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification**

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
*history (event, available, version,* G: yes U: *MCC:* THOMASEN, Gert  
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #7: 3.0.0

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## 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)

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**TS 02.06 Types of Mobile Stations (MS)**

Ph1-DC *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc  
*freeze\_meeting:* CLAYTON, Michael  
*history (event, available, version,* G: yes U: *MCC:*  
01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*  
10/05/1994 3 . 1 . 0 [get it](#) *remarks - this release:* .  
10/01/1994 3 . 2 . 0 [get it](#)

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



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ACTIVE specs Ph1-DC 02 .- series  
Server [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.11 Service Accessibility**

Ph1-DC *current version:* 3.1.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 1 . 0

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

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

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Ph1-DCS **03** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.12 Location Registration Procedures**

Ph1-DC *current version:* 3.0.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 1

*WG (prime / other):* N4 / - *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

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

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Ph1-DCS **04** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.08 Mobile radio interface layer 3 specification**

Ph1-DC *current version:* 3.1.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 1 . 0

*WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert  
*remarks - this release:* . Thomasen (even numbered CRs!)

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Ph1-DCS **05** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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

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Server ACTIVE specs Ph1-DC 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.01 Physical Layer on the Radio Path (General Description)**

Ph1-DC *current version:* 3.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 0

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri  
*G: yes U:* MCCA: USAI, Paolino

NOKIA MOBILE PHONES

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

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**TS 05.05 Radio Transmission and Reception**

Ph1-DC *current version:* 3.3.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-07 3 . 2 . 0  
smg-08 01/01/1995 3 . 3 . 0

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

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

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**TS 05.08 Radio Subsystem Link Control**

Ph1-DC *current version:* 3.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 0

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer  
*G: yes U:* MCCA: USAI, Paolino

VODAFONE Group Plc

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

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Ph1-DCS 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification**

Ph1-DC *current version:* 3.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 0

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

MOTOROLA A/S

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

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

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Server ACTIVE specs Ph1-DC 09 .- series  
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Ph1-DCS 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.02 Mobile Application Part (MAP) Specification**

Ph1-DC current version: 0.0.0 DRAFT  
freeze\_meeting:

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

history (event, available, version,  
03/03/1993 0 . 0 . 0

[get it](#) remarks - general: CN->N4 Apr00 (JMM)  
remarks - this release:

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**TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling**

Ph1-DC current version: Procedures and the Mobile Application Part (MAP)

3.0.0 WG (prime / other): N4 / - rapporteur: VACANT,

freeze\_meeting:

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,  
ETSI publication 01/01/1995 3 . 0 . 0

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

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Ph1-DCS 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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

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Server ACTIVE specs Ph1-DC 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.10 Mobile Station Conformity Specification

Ph1-DC *current version:* 3.23.1  
*freeze\_meeting:*

*WG (prime / other):* G4 / S1 / rapporteur: LEGRAND, Walter EADS/DSN  
G5 /  
NP /  
T2 /  
SCP

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

*history (event, available, version,*

smg-02		3	.	2	.	0
smg-03		3	.	3	.	0
smg-04bis		3	.	4	.	0
smg-05		3	.	5	.	0
smg-06	28/06/1995	3	.	6	.	0
smg-07	07/06/1996	3	.	7	.	0
smg-08	07/06/1996	3	.	8	.	0
smg-09	07/06/1996	3	.	9	.	0
smg-10	07/06/1996	3	.	10	.	0
smg-11	07/06/1996	3	.	11	.	0
smg-12	07/06/1996	3	.	12	.	0
smg-13	07/06/1996	3	.	13	.	0
last known	01/12/1996	3	.	23	.	1

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

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

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## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph1-DC *current version:* 3.3.4  
*freeze\_meeting:*

*WG (prime / other):* T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
*G:* yes *U:* *MCC:* DIETZE, Claus

*history (event, available, version,*

smg-02		3	.	2	.	0
smg-04		3	.	3	.	0
smg-08		3	.	3	.	1
smg-09		3	.	3	.	2
smg-11		3	.	3	.	3
smg-12	21/02/1994	3	.	3	.	4

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

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Server ACTIVE specs Ph1-DC 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.20 GSM DCS 1800 Base Station Specification

Ph1-DC *current version:* 3.13.0

*freeze\_meeting:*

*history (event, available, version,*

smg-01	3	.	1	.	0	
smg-02	3	.	2	.	0	
smg-03	3	.	3	.	0	
smg-04	3	.	4	.	0	
smg-05	3	.	5	.	0	
smg-06	3	.	6	.	0	
smg-07	3	.	7	.	0	
smg-08	3	.	8	.	0	
smg-09	3	.	9	.	0	
smg-10	3	.	10	.	0	
smg-11	3	.	11	.	0	
smg-12	3	.	12	.	0	
smg-17	01/01/1995	3	.	13	.	0

*WG (prime / other):* GP / NP *rapporteur:* VACANT,  
*G: yes U:* MCCA: USAI, Paolino

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

[get it](#)

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## TS 11.40 DCS 1800 System Simulator Conformity Specification

Ph1-DC *current version:* 3.3.0

*freeze\_meeting:*

*history (event, available, version,*

smg-04	3	.	2	.	0	
smg-11	13/11/1995	3	.	3	.	0

*WG (prime / other):* G4 / - *rapporteur:*  
*G: yes U:* MCCA: CLAYTON, Michael

*remarks - general:*  
*remarks - this release:* #4: 3.2.0 #11: 3.3.0

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# Ph1

Ph1

01 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TR 01.04 Abbreviations and acronyms

Ph1 *current version:* 3.0.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-12 07/10/1994 3 . 0 . 0  
ETSI publication 01/01/1995 3 . 0 . 1

*WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael ETSI Secretariat  
*G: yes U:* *MCC:* USAI, Paolino  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .

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Ph1 **02** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-18 10/04/1996 3 . 0 . 0  
ETSI publication 01/01/1995 3 . 0 . 1  
PT12 release 15/02/1992 3 . 2 . 0

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G: yes U:* *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)

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## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
CEPT GSM doc 15/01/1990 3 . 1 . 1  
CEPT GSM doc 15/07/1991 3 . 2 . 0

*WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Lucent Technologies Network Systems UK  
*G: yes U:* *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .

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## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.4.1  
*freeze\_meeting:*  
*history (event, available, version,*  
CEPT GSM doc 03/01/1991 3 . 4 . 0  
edito 22/07/1998 3 . 4 . 1

*WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .

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Server ACTIVE specs Ph1 02 .- series  
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<b>TS 02.04</b>	<b>General on Supplementary Services</b>					
Ph1	current version: 3.7.1	WG (prime / other): S1 / -	rapporteur: CARPENTER, Paul	Lucent Technologies Network Systems UK		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	- 24/07/1998	3 . 7 . 0	<a href="#">get it</a>	remarks - general:		
	CEPT GSM doc 03/01/1991	3 . 7 . 1	<a href="#">get it</a>	remarks - this release: .		
<b>TS 02.06</b>	<b>Types of Mobile Stations (MS)</b>					
Ph1	current version: 3.2.0	WG (prime / other): S1 / -	rapporteur: JEAL, David	VODAFONE Group Plc		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	ETSI publication 01/01/1995	3 . 2 . 0	<a href="#">get it</a>	remarks - general:		
				remarks - this release: .		
<b>TS 02.07</b>	<b>Mobile Station (MS) Features</b>					
Ph1	current version: 3.4.1	WG (prime / other): S1 / -	rapporteur: JEAL, David	VODAFONE Group Plc		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	- 10/05/1994	3 . 3 . 0	<a href="#">get it</a>	remarks - general:		
	- 10/05/1994	3 . 4 . 0	<a href="#">get it</a>	remarks - this release: .		
	ETSI publication 01/01/1995	3 . 4 . 1	<a href="#">get it</a>			
<b>TS 02.09</b>	<b>Security aspects</b>					
Ph1	current version: 3.1.0	WG (prime / other): S3 / S1 /	rapporteur: CHRISTOFFERSSON,	TELIA PROMOTOR AB		
	freeze_meeting:	NP	Per			
	history (event, available, version,	G: yes U:	MCC: POPE, Maurice			
	ETSI publication 01/01/1995	3 . 1 . 0	<a href="#">get it</a>	remarks - general:		
				remarks - this release:		
<b>TS 02.11</b>	<b>Service Accessibility</b>					
Ph1	current version: 3.7.0	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	ETSI publication 01/01/1995	3 . 7 . 0	<a href="#">get it</a>	remarks - general:		
				remarks - this release:		

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<b>TS 02.16</b>	<b>International Mobile Station Equipment Identities (IMEI)</b>					
Ph1	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 1				<a href="#">get it</a>	remarks - general: remarks - this release: .
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<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>					
Ph1	current version: 3.2.0	WG (prime / other): T3 / S1	rapporteur: HOOKER, Philip	ORANGE PCS LTD		
	freeze_meeting:	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 02.20</b>	<b>Collection charges</b>					
Ph1	current version: 3.0.1	WG (prime / other): S1 /	rapporteur: ,			
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, 06/05/1992: 09/10/1997 3 . 0 . 1				<a href="#">get it</a>	remarks - general: remarks - this release:
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<b>TS 02.30</b>	<b>Man-machine Interface (MMI) of the Mobile Station (MS)</b>					
Ph1	current version: 3.9.0	WG (prime / other): S1 /	rapporteur: JEAL, David	VODAFONE Group Plc		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, ETSI publication 01/01/1995 3 . 9 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 02.40</b>	<b>Procedures for Call Progress Indications</b>					
Ph1	current version: 3.2.0	WG (prime / other): S1 / NP	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .

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**TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1**

Ph1 *current version:* 3.6.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 6 . 1

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

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

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**TS 02.88 Call Barring (CB) Supplementary Services; Stage 1**

Ph1 *current version:* 3.6.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 6 . 1

*WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* CLAYTON, Michael

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

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Ph1 **03** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.01 Network Functions**

Ph1 *current version:* 3.1.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 1 . 1

*WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*G: yes U:* *MCC:* SULTAN, Alain

[get it](#) *remarks - general:* SMG3->SA2 @ TSG#7  
*remarks - this release:* .

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**TS 03.02 Network Architecture**

Ph1 *current version:* 3.1.4  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 1 . 4

*WG (prime / other):* S2 / NP / T2 *rapporteur:* SULTAN, Alain ETSI Secretariat  
*G: yes U:* *MCC:* SULTAN, Alain

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

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<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>	Ph1 current version: 3.6.0 freeze_meeting: history (event, available, version, ETSI publication 01/01/1995 3 . 6 . 0	WG (prime / other): N4 / T2 G: yes U: <a href="#">get it</a>	rappporteur: GAASVIK, Per-Ola MCC: KYMALAINEN, Kimmo	COMVIQ GSM AB	remarks - general: remarks - this release: #8: 3.6.0
<b>TS 03.04</b>	<b>Signalling Requirements Relating to Routing of Calls to Mobile Subscribers</b>	Ph1 current version: 3.1.0 freeze_meeting: history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 0	WG (prime / other): N4 / SPA N / T2 G: yes U: <a href="#">get it</a>	rappporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	ETSI Secretariat	remarks - general: remarks - this release: .
<b>TR 03.05</b>	<b>Technical performance objectives</b>	Ph1 current version: 3.2.0 freeze_meeting: history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 0	WG (prime / other): NP / - G: yes U: <a href="#">get it</a>	rappporteur: BOSWARTHICK, David MCC: BOSWARTHICK, David	ETSI Secretariat	remarks - general: remarks - this release: .
<b>TS 03.07</b>	<b>Restoration Procedures</b>	Ph1 current version: 3.2.1 freeze_meeting: history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 1	WG (prime / other): N4 / - G: yes U: <a href="#">get it</a>	rappporteur: PARK, Ian David Chalmers MCC: KYMALAINEN, Kimmo	VODAFONE LTD	remarks - general: remarks - this release: .
<b>TS 03.08</b>	<b>Organization of Subscriber Data</b>	Ph1 current version: 3.7.0 freeze_meeting: history (event, available, version, ETSI publication 01/01/1995 3 . 7 . 0	WG (prime / other): N4 / - G: yes U: <a href="#">get it</a>	rappporteur: BAUER, Rolf MCC: KYMALAINEN, Kimmo	ALCATEL SEL AG	remarks - general: remarks - this release: .

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<b>TS 03.09</b>	<b>Handover Procedures</b>					
Ph1	<i>current version:</i> 3.2.1					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 2 . 1				
			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
			<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
			<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 03.10</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</b>					
Ph1	<i>current version:</i> 3.3.0					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 3 . 0				
			<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
			<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
			<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 03.11</b>	<b>Technical Realization of Supplementary Services - General Aspects</b>					
Ph1	<i>current version:</i> 3.1.1					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 1				
			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
			<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
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<b>TS 03.12</b>	<b>Location Registration Procedures</b>					
Ph1	<i>current version:</i> 3.3.0					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 3 . 0				
			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB	
			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
			<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
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<b>TS 03.13</b>	<b>Discontinuous Reception (DRX) in the GSM System</b>					
Ph1	<i>current version:</i> 3.0.2					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 0 . 2				
			<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat	
			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
			<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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<b>TS 03.14</b>	<b>Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System</b>								
Ph1	current version: 3.0.2	WG (prime / other):	N1 / -	rapporteur:	ZAUS, Robert	SIEMENS AG			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	ETSI publication 01/01/1995								3 . 0 . 2
							<a href="#">get it</a>	remarks - general:	
								remarks - this release:	.
<hr/>									
<b>TS 03.20</b>	<b>Security-related Network Functions</b>								
Ph1	current version: 3.3.2	WG (prime / other):	S3 / NP /	rapporteur:	NGUYEN NGOC,	France Telecom			
	freeze_meeting:	G: yes	U:	MCC:	Sebastien				
	history (event, available, version,				POPE, Maurice				
	ETSI publication 01/01/1995								3 . 0 . 0
	ETSI publication 01/01/1995								3 . 3 . 2
							<a href="#">get it</a>	remarks - general:	
							<a href="#">get it</a>	remarks - this release:	.
<hr/>									
<b>TS 03.40</b>	<b>Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)</b>								
Ph1	current version: 3.7.0	WG (prime / other):	T2 / -	rapporteur:	HARRIS, Ian	Teleca Limited			
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-08								3 . 6 . 0
	smg-09 01/01/1995								3 . 7 . 0
							<a href="#">get it</a>	remarks - general:	
								remarks - this release:	.
<hr/>									
<b>TS 03.41</b>	<b>Technical Realization of Short Message Service Cell Broadcast (SMSCB)</b>								
Ph1	current version: 3.4.0	WG (prime / other):	T2 / -	rapporteur:	HARRIS, Ian	Teleca Limited			
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	ETSI publication 01/01/1995								3 . 4 . 0
							<a href="#">get it</a>	remarks - general:	
								remarks - this release:	.
<hr/>									
<b>TR 03.43</b>	<b>Support of Videotex</b>								
Ph1	current version: 3.0.1	WG (prime / other):	T2 / -	rapporteur:	DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	ETSI publication 01/01/1995								3 . 0 . 1
							<a href="#">get it</a>	remarks - general:	
								remarks - this release:	.

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<b>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>						
Ph1	current version: 3.0.1	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat	
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm		
	history (event, available, version,						
	ETSI publication 01/01/1995						3 . 0 . 1
				<a href="#">get it</a>	remarks - general:		
					remarks - this release:		.
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<b>TS 03.45</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>						
Ph1	current version: 3.3.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David		
	history (event, available, version,						
	smg-05						3 . 2 . 0
	ETSI publication 01/01/1995						3 . 3 . 0 exists in PDF only
				<a href="#">get it</a>	remarks - general:		
					remarks - this release:		.
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<b>TS 03.46</b>	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b>						
Ph1	current version: 3.2.1	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David		
	history (event, available, version,						
	ETSI publication 01/01/1995						3 . 2 . 1
				<a href="#">get it</a>	remarks - general:		
					remarks - this release:		.
<hr/>							
<b>TS 03.48</b>	<b>Security mechanisms for SIM application toolkit; Stage 2</b>						
Ph1	current version: 3.0.1	WG (prime / other):	T3 / -	rapporteur:	BARNES, Nigel	MOTOROLA Ltd	
	freeze_meeting:	G: yes	U:	MCC:	DIETZE, Claus		
	history (event, available, version,						
	09/10/1997						3 . 0 . 1
				<a href="#">get it</a>	remarks - general: SMG9->T3@#31		
					remarks - this release:		.
<hr/>							
<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>						
Ph1	current version: 3.4.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat	
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino		
	history (event, available, version,						
	ETSI publication 01/01/1995						3 . 4 . 0
				<a href="#">get it</a>	remarks - general:		
					remarks - this release: #4: 3.2.2 #8: 3.3.0 #11: 3.4.0		

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

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<b>TS 03.70</b>	<b>Routing of Calls to/from Public Data Networks (PDN)</b>					
Ph1	current version: 3.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	ETSI publication 01/01/1995					
	3 . 0 . 0	<a href="#">get it</a>		remarks - general:	N3: "no R99 needed".	
				remarks - this release:	.	
<hr/>						
<b>TS 03.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>					
Ph1	current version: 3.2.1	WG (prime / other):	N4 / -	rapporteur:	POTHS, Annette	Indicate persons who left Company and wait for new One
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	ETSI publication 01/01/1995					
	3 . 2 . 1	<a href="#">get it</a>		remarks - general:		
				remarks - this release:	.	
<hr/>						
<b>TS 03.88</b>	<b>Call Barring (CB) supplementary services; Stage 2</b>					
Ph1	current version: 3.2.1	WG (prime / other):	N4 / -	rapporteur:	HAMEL, Eric	France Telecom
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	ETSI publication 01/01/1995					
	3 . 2 . 1	<a href="#">get it</a>		remarks - general:		
				remarks - this release:	.	

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Ph1 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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<b>TS 04.01</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles</b>					
Ph1	current version: 3.0.1	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov JORGENSEN, Per Johan	
	history (event, available, version,					
	ETSI publication 01/01/1995					
	3 . 0 . 1	<a href="#">get it</a>		remarks - general:		
				remarks - this release:	.	

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<b>TS 04.02</b>	<b>GSM Public Land Mobile Network (PLMN) Access Reference Configuration</b>					
Ph1	current version: 3.0.2 freeze_meeting:	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
		G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 2	<a href="#">get it</a>	remarks - general: remarks - this release: .			
<hr/>						
<b>TS 04.03</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</b>					
Ph1	current version: 3.0.3 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 3	<a href="#">get it</a>	remarks - general: remarks - this release: .			
<hr/>						
<b>TS 04.04</b>	<b>Layer 1 - General Requirements</b>					
Ph1	current version: 3.3.4 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, ETSI publication 01/01/1995 3 . 3 . 4	<a href="#">get it</a>	remarks - general: remarks - this release: .			
<hr/>						
<b>TS 04.05</b>	<b>Data Link (DL) Layer General Aspects</b>					
Ph1	current version: 3.1.5 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 5	<a href="#">get it</a>	remarks - general: remarks - this release: .			
<hr/>						
<b>TS 04.06</b>	<b>Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification</b>					
Ph1	current version: 3.9.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, ETSI publication 01/01/1995 3 . 9 . 0	<a href="#">get it</a>	remarks - general: remarks - this release: .			

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## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

Ph1 current version: 3.3.3

freeze\_meeting:

history (event, available, version,

ETSI publication 01/01/1995 3 . 3 . 3

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

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

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## TS 04.08 Mobile radio interface layer 3 specification

Ph1 current version: 3.14.0

freeze\_meeting:

history (event, available, version,

ETSI publication 01/01/1995 3 . 13 . 0

ETSI publication 15/09/1997 3 . 14 . 0

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert  
[get it](#) remarks - this release: . Thomassen (even numbered CRs!)

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## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

Ph1 current version: 3.2.3

freeze\_meeting:

history (event, available, version,

ETSI publication 01/01/1995 3 . 2 . 3

WG (prime / other): N4 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

G: yes U: MCC: Peter Skov  
KYMALAINEN, Kimmo

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

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## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

Ph1 current version: 3.3.0

freeze\_meeting:

history (event, available, version,

ETSI publication 01/01/1995 3 . 3 . 0

WG (prime / other): N1 / - rapporteur: NOBUYUKI, Uda NTT COMWARE Corporation

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:  
remarks - this release: #5:3.3.0

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## TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

Ph1 current version: 3.2.1

freeze\_meeting:

history (event, available, version,

ETSI publication 01/01/1995 3 . 2 . 1

WG (prime / other): G2 / T2 rapporteur: ANDERSEN, Niels MOTOROLA A/S

G: yes U: MCC: Peter Skov  
THOMASEN, Gert

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

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<b>TS 04.21</b>	<b>Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface</b>						
Ph1	current version: 3.4.0	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version, ETSI publication 01/01/1995	3 . 4 . 0	<a href="#">get it</a>	remarks - general: remarks - this release: .			
<hr/>							
<b>TS 04.22</b>	<b>Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services</b>						
Ph1	current version: <b>Switching Centre (BSS - MSC) interface</b>	3.7.0	WG (prime / other): N3	/-	rapporteur: KLEHN, Norbert		
SIEMENS AG	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version, ETSI publication 01/01/1995	3 . 7 . 0	<a href="#">get it</a>	remarks - general: remarks - this release: .			
<hr/>							
<b>TS 04.80</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding</b>						
Ph1	current version: 3.2.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	ETSI Secretariat			
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version, ETSI publication 01/01/1995	3 . 2 . 0	<a href="#">get it</a>	remarks - general: remarks - this release: .			
<hr/>							
<b>TS 04.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 3</b>						
Ph1	current version: 3.1.3	WG (prime / other): N4 / -	rapporteur: POTHS, Annette	Indicate persons who left Company and wait for new One			
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version, ETSI publication 01/01/1995	3 . 1 . 3	<a href="#">get it</a>	remarks - general: remarks - this release: .			
<hr/>							
<b>TS 04.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 3</b>						
Ph1	current version: 3.1.3	WG (prime / other): N4 / -	rapporteur: HAMEL, Eric	France Telecom			
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version, ETSI publication 01/01/1995	3 . 1 . 3	<a href="#">get it</a>	remarks - general: remarks - this release: .			

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Ph1 **05** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

<b>TS 05.01</b>	<b>Physical Layer on the Radio Path (General Description)</b>					
Ph1	current version: 3.3.2	WG (prime / other): G1 / -	rapporteur: JOKINEN, Harri	NOKIA MOBILE PHONES		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, ETSI publication 01/01/1995				<a href="#">get it</a>	remarks - general: remarks - this release: .
	3 . 3 . 2					
<b>TS 05.02</b>	<b>Multiplexing and Multiple Access on the Radio Path</b>					
Ph1	current version: 3.8.0	WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, smg-15				<a href="#">get it</a>	remarks - general: remarks - this release:
	smg-16 01/01/1995					
	3 . 7 . 0 3 . 8 . 0					
<b>TS 05.03</b>	<b>Channel coding</b>					
Ph1	current version: 3.6.1	WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, ETSI publication 01/01/1995				<a href="#">get it</a>	remarks - general: remarks - this release: #12: 3.6.1
	3 . 6 . 1					
<b>TS 05.04</b>	<b>Modulation</b>					
Ph1	current version: 3.1.2	WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, ETSI publication 01/01/1995				<a href="#">get it</a>	remarks - general: remarks - this release: .
	3 . 1 . 2					
<b>TS 05.05</b>	<b>Radio Transmission and Reception</b>					
Ph1	current version: 3.16.0	WG (prime / other): G1 / -	rapporteur: SAMUELSSON, Mats			
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, smg-04				<a href="#">get it</a>	remarks - general: remarks - this release:
	smg-06b					
	ETSI publication 01/01/1995					
	3 . 14 . 0 3 . 15 . 0 3 . 16 . 0					

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**TS 05.08 Radio Subsystem Link Control**  
Ph1 *current version:* 3.8.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 8 . 0

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer  
*G: yes U:* *MCC:* USAI, Paolino

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

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**TS 05.10 Radio subsystem synchronization**  
Ph1 *current version:* 3.5.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-04 01/01/1995 3 . 5 . 1

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

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

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Ph1 **06** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.01 Full Rate Speech Processing Functions**  
Ph1 *current version:* 3.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G: yes U:* *MCC:* USAI, Paolino

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

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**TS 06.10 Full Rate Speech Transcoding**  
Ph1 *current version:* 3.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 2 . 0

*WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar  
*G: yes U:* *MCC:* USAI, Paolino

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*remarks - this release:* .

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<b>TS 06.11</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>					
Ph1	current version: 3.0.1	WG (prime / other): S4 / -	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 1				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 06.12</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>					
Ph1	current version: 3.0.1	WG (prime / other): S4 / -	rapporteur: SERENO, Daniele	TELECOM ITALIA S.p.A.		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 1				<a href="#">get it</a>	remarks - general: remarks - this release: .
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<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>					
Ph1	current version: 3.1.0	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>					
Ph1	current version: 3.0.0	WG (prime / other): S4 / -	rapporteur: BARRETT, Paul	Indicate persons who left Company and wait for new One		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .

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Ph1 **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**  
Ph1 *current version:* 3.14.0 *WG (prime / other):* N3 / - *rapporteur:* WIIK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 14 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #2:* 3.14.0

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**TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities**  
Ph1 *current version:* 3.8.0 *WG (prime / other):* N3 / - *rapporteur:* WIIK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 8 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #2:* 3.8.0

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**TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities**  
Ph1 *current version:* 3.4.0 *WG (prime / other):* N3 / - *rapporteur:* WIIK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 4 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #5:* 3.4.0

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Ph1 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.01 General Aspects on the BSS-MSC Interface**  
Ph1 *current version:* 3.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* *G: yes U:* *MCC:* Peter Skov  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*  
*remarks - this release: .*

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<b>TS 08.02</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles</b>				
Ph1	<i>current version:</i> 3.3.1 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 3 . 1	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>					
<b>TS 08.04</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>				
Ph1	<i>current version:</i> 3.0.3 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 3	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
		<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>				
Ph1	<i>current version:</i> 3.5.2 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 5 . 2	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
		<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>				
Ph1	<i>current version:</i> 3.10.1 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 0 ETSI publication 01/01/1995 3 . 10 . 1	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
		<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>				
Ph1	<i>current version:</i> 3.1.2 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha BOSWARTHICK, David	NOKIA Corporation	
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 1 . 2	G: yes U:	<i>MCC:</i>		
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .		

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

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Server ACTIVE specs Ph1 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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<b>TS 08.51</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>					
Ph1	<i>current version:</i> 3.0.2 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 2	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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<b>TS 08.52</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles</b>					
Ph1	<i>current version:</i> 3.0.2 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 2	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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<b>TS 08.54</b>	<b>BSC-BTS Layer 1; Structure of Physical Circuits</b>					
Ph1	<i>current version:</i> 3.0.1 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 1	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>					
Ph1	<i>current version:</i> 3.1.1 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 1 . 1	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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<b>TS 09.02</b>	<b>Mobile Application Part (MAP) Specification</b>								
Ph1	current version: 3.11.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD			
	freeze_meeting:				Chalmers				
	history (event, available, version,	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	ETSI publication 01/01/1995								
	ETSI publication 01/01/1995								
		<a href="#">get it</a>		remarks - general:	CN->N4 Apr00 (JMM)				
		<a href="#">get it</a>		remarks - this release:					
<hr/>									
<b>TS 09.03</b>	<b>Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile</b>								
Ph1	current version: Network (PLMN)	3.0.1	WG (prime / other):	N3	/-	rapporteur:	BOSWARTHICK, David		
	ETSI Secretariat								
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	ETSI publication 01/01/1995								
		<a href="#">get it</a>		remarks - general:	N3: "no R99 needed".				
				remarks - this release:	.				
<hr/>									
<b>TS 09.04</b>	<b>Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)</b>								
Ph1	current version: 3.0.1	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	ETSI publication 01/01/1995								
		<a href="#">get it</a>		remarks - general:	N3: "no R99 needed".				
				remarks - this release:	.				
<hr/>									
<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>								
Ph1	current version: 3.2.2	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	ETSI publication 01/01/1995								
		<a href="#">get it</a>		remarks - general:	N3: "no R99 needed".				
				remarks - this release:	.				
<hr/>									
<b>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone</b>								
Ph1	current version: Network (PSTN)	3.10.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
	SIEMENS AG								
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	ETSI publication 01/01/1995								
		<a href="#">get it</a>		remarks - general:					
				remarks - this release:	#5: 3.8.0 #9: 3.9.0 #14: 3.10.0				

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<b>TS 09.09</b>	<b>Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN</b>								
Ph1	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> VAINIKKA, Jari	NOKIA Corporation				
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	First complete 01/01/1992	1 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>		<i>remarks - this release:</i> .
<hr/>									
<b>TS 09.10</b>	<b>Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling</b>								
Ph1	<i>current version:</i> <b>Procedures and the Mobile Application Part (MAP)</b>		<i>3.0.2WG (prime / other):</i> N4 / -	<i>rapporteur:</i> VACANT,					
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI publication 01/01/1995	3 . 0 . 2				<a href="#">get it</a>	<i>remarks - this release:</i> .		
<hr/>									
<b>TS 09.11</b>	<b>Signalling Interworking for Supplementary Services</b>								
Ph1	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HAMEL, Eric	France Telecom				
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3 . 0 . 1				<a href="#">get it</a>	<i>remarks - general:</i>		<i>remarks - this release:</i> .

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Ph1 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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Server ACTIVE specs Ph1 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10 Mobile Station Conformity Specification

Ph1 current version: 3.23.1  
freeze\_meeting:

WG (prime / other): G4 / S1 / rapporteur: LEGRAND, Walter EADS/DSN  
G5 /  
NP /  
T2 /  
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

First complete	01/01/1992	1	.	0	.	0
smg-02		3	.	8	.	0
smg-03		3	.	9	.	0
smg-04bis		3	.	10	.	0
smg-05		3	.	11	.	0
smg-06		3	.	12	.	0
smg-07		3	.	13	.	0
SMG-08		3	.	14	.	0
smg-28	01/01/1996	3	.	14	.	0
smg-08	07/06/1996	3	.	15	.	0
smg-09	07/06/1996	3	.	16	.	0
smg-10	02/09/1996	3	.	17	.	0
smg-11	02/09/1996	3	.	18	.	0
smg-12	02/09/1996	3	.	19	.	0
smg-13	28/06/1996	3	.	20	.	0
smg-15		3	.	21	.	0
smg-16	01/01/1996	3	.	22	.	0
smg-20	16/10/1996	3	.	23	.	0
ETSI publication	30/12/1996	3	.	23	.	1

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

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph1 current version: 3.16.0  
freeze\_meeting:

WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
G: yes U: MCC: DIETZE, Claus

history (event, available, version,

ETSI publication	01/01/1995	3	.	3	.	3
ETSI publication	01/01/1995	3	.	16	.	0

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

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ACTIVE specs Ph1 11 .- series  
Server [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.30 Mobile Services Switching Centre**

Ph1 *current version:* 3.2.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 2 . 1

*WG (prime / other):* GP / - *rapporteur:* VACANT,  
G: yes U: *MCC:* USAI, Paolino

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

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**TS 11.31 Home Location Register Specification**

Ph1 *current version:* 3.2.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 2 . 1

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

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

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**TS 11.32 Visitor Location Register Specification**

Ph1 *current version:* 3.2.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 2 . 1

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

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

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**TS 11.40 DCS 1800 System Simulator Conformity Specification**

Ph1 *current version:* 3.7.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1996 3 . 3 . 0  
smg-02 3 . 6 . 0  
smg-11 01/01/1996 3 . 7 . 0

*WG (prime / other):* G4 / - *rapporteur:*  
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
*remarks - this release:* #2: 3.6.0 #11: 3.7.0  
[get it](#)

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Ph1 **12** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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Server ACTIVE specs Ph1 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.10 Maintenance Provisions for Operational Integrity of MSs**

Ph1 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael  
*G: U: yes* *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

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

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**TS 12.13 Maintenance of the Mobile-services Switching Centre**

Ph1 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael  
*G: yes U:* *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

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

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**TS 12.14 Maintenance of Location Registers**

Ph1 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael  
*G: yes U:* *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

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

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Ph1 **TB** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

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**TS TBR 5 General Attachment Requirements for GSM Mobile Stations**

Ph1 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* MSG / - *rapporteur:* FREEMAN, David MOTOROLA  
*G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)*

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Server ACTIVE specs Ph1 TB .- series  
[http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

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**TS TBR 9 Attachment Requirements for GSM Terminal Equipment (Telephony)**

Ph1 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

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

*rapporteur:* FREEMAN, David MOTOROLA  
*MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2

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## WITHDRA specs

### Rel-6

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

#### TS 23.246 Multimedia Broadcast/Multicast Service (MBMS); Stage 2

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

*WG (prime / other):* S2 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Limited  
*G:* *U:* yes *MCC:* SULTAN, Alain

*remarks - general:* Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in  
*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 32.108 Telecommunication management; Subscriber and equipment trace

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

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

*remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,  
*remarks - this release:* SP-05: Left overs from Rel-5. 2002-04-29: source Christian Toche - will not be published. Replace with 32.411, 32..42x and 52.008.

and 52.008.

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

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## TR 41.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS

Rel-6  
*current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

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

TruePosition Inc.

*remarks - general:* Renumbered to 45.811.  
*remarks - this release:* Renumbered to 45.811.

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

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## TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

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

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

*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to  
*remarks - this release:* . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994  
handling both "GSM" and "UMTS" problems.

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## Rel-5

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

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<b>TS 22.141</b>	<b>Presence service; 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: U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	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>					
<hr/>									
<b>TS 22.146</b>	<b>Multimedia Broadcast/Multicast Service (MBMS); Stage 1</b>								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> JARVIS, Andre		Hutchison 3G UK Limited		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	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>					
<hr/>									
<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: U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i>	SP-15: Timed out of Rel-5.			
<hr/>									
<b>TS 22.240</b>	<b>3GPP Generic User Profile (GUP) requirements; Stage 1</b>								
Rel-5	<i>current version:</i> 0.5.0		<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,</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			

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<b>TS 22.243</b>	<b>Distributed speech recognition based automated voice services</b>								
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<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,</i>								
	S1 draft	0 . 0 . 2							<i>remarks - general:</i>
	SP-14 02/01/2002	1 . 0 . 0							<i>remarks - this release:</i> SP-15: Delayed to Rel-6.
									<a href="#">get it</a>
<hr/>									
<b>TR 22.946</b>	<b>Broadcast and multicast services</b>								
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ,					
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	SP-12 27/06/2001	1 . 0 . 0							<i>remarks - general:</i> Replaced by 22.146.
									<i>remarks - this release:</i> To be scrapped SP-13. 2001-11-28: assume to be withdrawn since 22.146 approved at SP-13.
									<a href="#">get it</a>
<hr/>									

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

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<b>TS 23.073</b>	<b>Support of Localised Service Area (SoLSA); Stage 2</b>								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	ETSI Secretariat				
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i> Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.
									<i>remarks - this release:</i> SP-16: ->43.073 since applies to GERAN systems only.
<hr/>									
<b>TS 23.121</b>	<b>Architecture Requirements for release 99</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK				
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>								
	SP-09	5 . 0 . 0							<i>remarks - general:</i>
									<i>remarks - this release:</i> 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.
<hr/>									

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

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<b>TS 23.178</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2</b>								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG			
	<i>freeze_meeting:</i> NP-15			G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i> 2001-10-26: renumbered to 23.278.				
					<i>remarks - this release:</i> 2001-10-26: renumbered to 23.278.				
<b>TS 23.241</b>	<b>3GPP Generic User Profile (GUP) requirements; Stage 2; Data description framework</b>								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> HOLOUBEK, Kevin J.	Motorola Inc.			
	<i>freeze_meeting:</i> TP-15			G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i> Cf work item 'Generic user profile'				
					<i>remarks - this release:</i> TP-15: Delayed to Rel-6.				
<b>TS 23.246</b>	<b>Multimedia Broadcast/Multicast Service (MBMS); Stage 2</b>								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	Hutchison 3G UK Limited			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i> Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in				
					<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> 1.1.0	DRAFT		<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> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	draft 21/01/2002	0 . 3 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	draft	0 . 5 . 0			<i>remarks - this release:</i> -> Rel-6				
	SP-15 19/03/2002	1 . 0 . 0	SP-020156	<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> 0.2.0	DRAFT		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	Hutchison 3G UK Limited			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	draft 03/01/2002	0 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i> This is a preparatory report which may result in the creation of a stage 2 TS				
	S2-22 22/01/2002	0 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5.				
	draft 19/03/2002	0 . 2 . 0		<a href="#">get it</a>					

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<b>TR 23.915</b>	<b>Charging implications of IMS architecture</b>								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MILINSKI, Alexander	SIEMENS AG			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>		2001-09-06: S2 Secretary: "May become 25.815."	2001-11-20: it has done so!	
					<i>remarks - this release:</i>		.		

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<b>TR 23.974</b>	<b>Support of push service</b>								
Rel-5	<i>current version:</i> 2.0.0	DRAFT		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> UDA, Nobuyuki	NTT COMWARE Corporation			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-13 01/10/2001 2 . 0 . 0	SP-010508 - approved as 23.875	<a href="#">get it</a>	<i>remarks - general:</i>			SP-13: changed number to 23.875.		
				<i>remarks - this release:</i>			May-2001: Sultan wonders whether this spec is needed. SP-13: Concern that this is a poor title - it is NOT a real stage 2.		

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

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<b>TS 24.241</b>	<b>3GPP generic user profile requirements; Stage 3; Access; Common objects</b>								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> HOLOUBEK, Kevin J.	Motorola Inc.			
	<i>freeze_meeting:</i> TP-16			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>		Cf work item 'Generic user profile' - may be renumbered to 27.241		
					<i>remarks - this release:</i>		2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.		

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

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**TR 25.855 High Speed Downlink Packet Access (HSDPA); Overall UTRAN description**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* VAN DER VEEN, Hans  
*history (event, available, version,*  
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](#)

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**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:* VAN DER VEEN, Hans  
*history (event, available, version,*  
*remarks - general:* RP-15: abandoned in favour of directly writing the stage 3 spec.  
*remarks - this release:* RP-15: abandoned in favour of directly writing the stage 3 spec.

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**TR 25.887 Beamforming**

Rel-5 *current version:* 1.0.0 DRAFT *WG (prime / other):* R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co. Ltd  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* IKEDA, Shinobu  
*history (event, available, version,*  
R1-22 0 . 0 . 1 R1-011342 *remarks - general:*  
RP-14 07/12/2001 1 . 0 . 0 RP-010800 [get it](#) *remarks - this release:* RP-15: Deferred to Rel-6.

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

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**TS 27.226 Global Text telephony (GTT); Terminal aspects**

Rel-5 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute  
*freeze\_meeting:* TP-15 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
*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.

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[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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

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

Rel-5 *current version:* 1.2.0 DRAFT *WG (prime / other):* N3 / *rapporteur:* SANDERS, David VODAFONE Group Plc  
*freeze\_meeting:* NP-18 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
N3-16 0 . 0 . 0 *remarks - general:*  
N3-17 01/06/2001 0 . 1 . 0 N3-010185, N3-010199, N3-010201 and [get it](#) *remarks - this release:* NP-16: shifted to Rel-6.  
N3-18 0 . 2 . 0 N3-010312, N3-010315  
N3-19 09/11/2001 0 . 3 . 0 N3-010462, N3-010427 [get it](#)  
NP-14 02/01/2002 1 . 0 . 0 NP-010565 [get it](#)  
NP-15 18/02/2002 1 . 2 . 0 NP-020077 [get it](#)

## TS 29.198-09 Open Service Access (OSA) Application Programming Interface (API); Part 9: Generic messaging SCF

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* ,  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped.

## TS 29.198-10 Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* ,  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped.

## TS 29.203 Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)

Rel-5 *current version:* none *WG (prime / other):* N4 / *rapporteur:* YOUNG, Michael MOTOROLA Ltd  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
*remarks - general:* superseded by 29.903  
*remarks - this release:* . TSG#11:creation; superseded by 29.903

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**TS 29.226 reserved**

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

*WG (prime / other):* N4 / *rapporteur:* VACANT,  
G: U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:*  
*remarks - this release:* WI approved TSG#7

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**TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 2: INAP**

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

*WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*  
*remarks - this release:* SP-14 stopped.

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**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  
*freeze\_meeting:* NP-15  
*history (event, available, version,*

*WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
G: U: yes *MCC:* ZOICAS, Adrian

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

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

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

Rel-5 *current version:* 1.0.0 DRAFT  
*freeze\_meeting:* TP-16  
*history (event, available, version,*  
TP-15 19/03/2002 0 . 0 . 2 TP-020031  
TP-15 19/03/2002 1 . 0 . 0 TP-020075

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

[get it](#) *remarks - general:* additional rapporteur: Florence Martin.  
[get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

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**TS 31.116 Remote APDU Structure for (U)SIM Toolkit applications**  
Rel-5 *current version:* 1.0.0 DRAFT *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International  
*freeze\_meeting:* TP-16 *G:* yes *U:* yes *MCC:* DIETZE, Claus  
*history (event, available, version,*  
TP-15 19/03/2002 0 . 1 . 0 TP-020032 [get it](#) *remarks - general:* additional rapporteur: Florence Martin  
TP-15 19/03/2002 1 . 0 . 0 TP-020076 [get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

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Rel-5 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.108 Telecommunication management; Subscriber and equipment trace**  
Rel-5 *current version:* 0.1.0 DRAFT *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation  
*freeze\_meeting:* SP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
draft 08/11/2001 0 . 0 . 1 [get it](#) *remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,  
draft 26/02/2002 0 . 1 . 0 [get it](#) *remarks - this release:* SP-15: Partial service only. 32..42x and 52.008.

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**TS 32.112 Telecommunication management; Fault Management; Alarm Integration Reference Point: Information Service**  
Rel-5 *current version:* none *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
*remarks - general:* SP-15: stopped, no draft ever having been produced.  
*remarks - this release:* .

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**TS 32.113 Telecommunication management; Fault Management; Alarm Integration Reference Point: CORBA solution set version 1:1**  
Rel-5 *current version:* none *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
*remarks - general:* SP-15: stopped, no draft ever having been produced.  
*remarks - this release:* .

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<b>TS 32.114</b>	<b>Telecommunication management; Fault Management; Alarm Integration Reference Point: CMIP solution set</b>								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.
									<i>remarks - this release:</i> .
<hr/>									
<b>TS 32.140</b>	<b>Services operations management; Subscription management requirements</b>								
Rel-5	<i>current version:</i> 0.5.5	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey	TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.				
	<i>freeze_meeting:</i> SP-16		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	draft 27/06/2001	0 . 1 . 3							<i>remarks - general:</i>
	draft 21/01/2002	0 . 5 . 4							<i>remarks - this release:</i> SP-15: move to Rel-6.
	draft 28/01/2002	0 . 5 . 5							
									<a href="#">get it</a>
									<a href="#">get it</a>
									<a href="#">get it</a>
<hr/>									
<b>TS 32.312-2</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Information service</b>								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,					
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i> -> 32.112
									<i>remarks - this release:</i> .
<hr/>									
<b>TS 32.663</b>	<b>Telecommunication management; 3G configuration management; Kernel CM CORBA solution set</b>								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> WILBER, John					
	<i>freeze_meeting:</i> SP-18		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> SP-15: will not exist in Rel-5.
<hr/>									
<b>TS 32.664</b>	<b>Telecommunication management; 3G configuration management; Kernel CM CMIP solution set</b>								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> WILBER, John					
	<i>freeze_meeting:</i> SP-18		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> SP-15: will not exist in Rel-5.

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**TR 32.801 Performance management**

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

*WG (prime / other):* S5 / *rapporteur:* KORINEK, Frank Motorola Inc.  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* (Release 4/5 Building Block: OAM-PM)  
*remarks - this release:* 2001-08-27: S5 Secretary: no document to be produced.

---

Rel-5 **42** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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**TS 42.032 Immediate Service Termination (IST); Service description; Stage 1**

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

*WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*G:* yes *U:* *MCC:* POPE, Maurice

*remarks - general:* SP-16: withdrawn in favour of 22.032.  
*remarks - this release:* SP-16: withdrawn in favour of 22.032.

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Rel-5 **43** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.035 Immediate Service Termination (IST); Stage 2**

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

*WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*G:* yes *U:* *MCC:* POPE, Maurice

*remarks - general:* SP-16: withdrawn in favour of 23.035.  
*remarks - this release:* SP-16: withdrawn in favour of 23.035.

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Rel-5 **44** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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

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Server WITHDRAWN specs Rel-5 44 .- series  
[http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.160 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for lu mode**

Rel-5 *current version:* 0.2.0 DRAFT *WG (prime / other):* G1 / *rapporteur:* ,  
*freeze\_meeting:* GP-09 *G: yes U:* MCC: USAI, Paolino  
*history (event, available, version,*  
GP-09 22/04/2002 0 . 2 . 0 GP-020803 [get it](#) *remarks - general:* Created GP-08; see GP-020483.  
*remarks - this release:* .

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Rel-5 **49** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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**TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**

Rel-5 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* tbd Peter Skov  
*G: yes U:* MCC: JORGENSEN, Per Johan  
*history (event, available, version,*  
*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to  
*remarks - this release:* . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994  
handling both "GSM" and "UMTS" problems.

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Rel-5 **51** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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**TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* TP-15 *G: yes U:* MCC: DIETZE, Claus  
*history (event, available, version,*  
TP-14 17/01/2002 5 . 0 . 0 TP-16: Rel-5 version withdrawn! [get it](#) *remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".  
*remarks - this release:* TP-16: Rel-5 version withdrawn.

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

## Rel-4

Rel-4 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

<b>TS 22.043</b>	<b>Support of Localized Service Area (SoLSA); Service description; Stage 1</b>					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i>	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>				<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> TSG#11: Becomes 42.043 for Rel-4 (!).	
<b>TS 22.112</b>	<b>USIM toolkit interpreter; Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MEYER, Michael	GIESECKE & DEVRIENT GmbH		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>				<i>remarks - general:</i>	
	TP-10 11/01/2001 1 . 0 . 0	<a href="#">get it</a>			<i>remarks - this release:</i> TP-13: Rel-4 withdrawn, since stage 2 not ready.	
	TP-11 09/04/2001 4 . 0 . 0	<a href="#">get it</a>				
	TP-13 withdrawn					
<b>TS 22.227</b>	<b>Service requirements for the Open Service Access (OSA)</b>					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	The Swedish Handicap Institute		
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>				<i>remarks - general:</i> Clayton Apr-2001: spec not required (see 22.127)	
					<i>remarks - this release:</i> .	
<b>TR 22.976</b>	<b>Study on PS domain services and capabilities</b>					
Rel-4	<i>current version:</i> 2.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd		
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>				<i>remarks - general:</i> Created Jan-00	
	SP-07 17/03/2000 1 . 0 . 0	<a href="#">get it</a>			<i>remarks - this release:</i> 2001-12-04: Rel4->Rel-5 (Clayton).	
	draft 09/05/2000 1 . 4 . 0	<a href="#">get it</a>				
	SP-08 28/06/2000 2 . 0 . 0	<a href="#">get it</a>				

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

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[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

Rel-4 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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<b>TS 23.073</b>	<b>Support of Localised Service Area (SoLSA); Stage 2</b>									
Rel-4	<i>current version:</i> 4.0.0					<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> KYMALAINEN, Kimmo	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11					<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>									
	NP-11 04/04/2001	4	.	0	.	0	SP-16: ->43.073 since applies to GERAN systems only.	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.	<i>remarks - this release:</i> SP-16: ->43.073 since applies to GERAN systems only.
<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> 4.0.0					<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> SP-11					<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>									
	NP-11 11/04/2001	4	.	0	.	0	NP-15 withdrawn	<a href="#">get it</a>	<i>remarks - general:</i> This is clause 7 from 04.08 ex R98.	<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.
<hr/>										
<b>TS 23.171</b>	<b>Functional stage 2 description of location services in UMTS</b>									
Rel-4	<i>current version:</i> 4.0.0					<i>WG (prime / other):</i> S2 / -		<i>rapporteur:</i> KÄLL, Jan	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11					<i>G:</i> <i>U:</i> yes		<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>									
	SP-11	4	.	0	.	0	withdrawn		<i>remarks - general:</i>	<i>remarks - this release:</i> Kall: Apr-2001:Superseded by 23.271 for Rel-4.
<hr/>										
<b>TS 23.207</b>	<b>End to end quality of service concept and architecture</b>									
Rel-4	<i>current version:</i> 2.0.0					<i>WG (prime / other):</i> S2 / -		<i>rapporteur:</i> OYAMA, Johnson	Nippon Ericsson K.K.	
	<i>freeze_meeting:</i> SP-12					<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</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>		

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

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<b>TR 23.814</b>	<b>Separating RR and MM specific parts of the MS Classmark</b>							
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> YOKOTA, Fumihiko	Fujitsu Limited		
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i>	JORGENSEN, Per Johan		
	<i>history (event, available, version, NP-11</i>	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.	
<b>TR 23.913</b>	<b>UMTS Turbo-Charger</b>		DRAFT					
Rel-4	<i>current version:</i> 1.0.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i>	,		
	<i>history (event, available, version, N1-06 20/08/1999</i>	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 23.913</b>	<b>UMTS Turbo-Charger</b>		DRAFT					
Rel-4	<i>current version:</i> 1.0.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i>	,		
	<i>history (event, available, version, N1-06 20/08/1999</i>	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> 4.0.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes U: yes	<i>MCC:</i>	SULTAN, Alain		
	<i>history (event, available, version, SP-11</i>	4 . 0 . 0	abandoned July 2001				<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.	

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

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[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.923 Combined GSM and Mobile IP mobility handling in UMTS IP CN

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11

4 . 0 . 0

*WG (prime / other):* S2 / - *rapporteur:* HUBBARD, Elisabeth TELIA AB  
*G: yes U: yes* *MCC:* SULTAN, Alain

*remarks - general:*

*remarks - this release:* Sultan Apr-2001: contents out of date, not appropriate for Rel-4.

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## TR 23.972 Circuit switched multimedia telephony

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11

4 . 0 . 0 doa. Stick at R99.

*WG (prime / other):* N1 / - *rapporteur:* KAUKANEN, Timo NOKIA Corporation  
*G: U: yes* *MCC:* JORGENSEN, Per Johan

*remarks - general:*

New after TSG#5. Minor title change TSG#7.

*remarks - this release:* Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.

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Rel-4 **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.004 Layer 1 - General Requirements

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
GP-04

4 . 0 . 0

*WG (prime / other):* G2 / - *rapporteur:* THOMAS, Rémi France Telecom  
*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

Apr-2001: Not required. See 44.004.

*remarks - this release:* Apr-2001: Not required. See 44.004.

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## TS 24.012 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

Rel-4 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.  
*G: yes U: yes* *MCC:* THOMASEN, Gert

*remarks - general:*

Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12

*remarks - this release:* TSG#11: Replaced by 44.012 for Rel-4. R99) and shift responsibility to G2 (and should

have been N2 anyway). Agreed to

txfer to G2, but still as 24.012.

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

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[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.10U UMTS Interworking and internetworking signalling aspects; Requirements for provision of UMTS services via satellite access**

Rel-4 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* *MCC:*

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

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**TR 24.946 reserved**

Rel-4 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* VACANT,  
*G:* *U:* yes *MCC:*

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

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Rel-4 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.107 UTRA Repeater; Conformance testing**

Rel-4 *current version:* 0.0.1 DRAFT  
*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* NILSSON, Martin  
*G:* *U:* yes *MCC:* ,

Indicate persons who left Company and wait for new One

*history (event, available, version,*  
Start of work 01/08/2000 0 . 0 . 1

[get it](#) *remarks - general:* -> 25.143  
*remarks - this release:* Scrapped in favour of 25.143

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**TS 25.371 LMU signalling**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-07  
*history (event, available, version,*

*WG (prime / other):* - / - *rapporteur:* MOULY, Michel  
*G:* *U:* yes *MCC:* ,

ARGUIN Communications

*remarks - general:* Created Jan 00; wdrwn Apr00  
*remarks - this release:* First draft: Jan2000

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



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<b>TR 25.835</b>	<b>Report on hybrid ARQ type II/III</b>								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> SITTE, Armin	SIEMENS AG				
	<i>freeze_meeting:</i> tbd		<i>G:</i> U: yes	<i>MCC:</i> VAN DER VEEN, Hans					
	<i>history (event, available, version,</i>								
	RP-09 16/10/2000	1 . 0 . 0	<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 25.846</b>	<b>CPCH performance</b>								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> KWAK, Joe	Golden Bridge Technology Inc.				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i> 2001-02-13: scrapped					
				<i>remarks - this release:</i> .					
<hr/>									
<b>TR 25.924</b>	<b>Opportunity Driven Multiple Access (ODMA)</b>								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LAW, Alan	VODAFONE LTD				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> VAN DER VEEN, Hans					
	<i>history (event, available, version,</i>								
	RP-03 23/04/1999	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>					
	RP-04 23/06/1999	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> 2002-01-23: .WG Secretary reports that this is really R99. Watch this space.					
				2002-02-25 (Van der Veen): No further interest, so spec withdrawn.					
	RP-05 13/10/1999	0 . 2 . 0	<a href="#">get it</a>						
	RP-06 17/12/1999	1 . 0 . 0	<a href="#">get it</a>						
<hr/>									
<b>TR 25.932</b>	<b>Delay budget within the access stratum</b>								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TAYLOR, Carolyn	Motorola Ltd				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn					
	<i>history (event, available, version,</i>								
	RP-08 23/06/2000	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> ->25.853 @ TSG#10.					
	RP-09 05/10/2000	1 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> TSG#10:2.0.0; approved renumbered as 25.853.					
	RP-10 22/01/2001	2 . 0 . 0	<a href="#">get it</a>						

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

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<b>TR 25.933</b>	<b>IP transport in UTRAN</b>								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<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> TAYLOR, Carolyn					
	<i>history (event, available, version,</i>								
	draft 15/05/2000	0 . 0 . 1		<a href="#">get it</a>					<i>remarks - general:</i>
	R3-13 15/06/2000	0 . 1 . 0		<a href="#">get it</a>					<i>remarks - this release:</i> 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).
	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>					
<b>TR 25.938</b>	<b>Terminal power saving features</b>								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CHOI, Sungho	Samsung Electronics Ind. Co., Ltd.				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn					
	<i>history (event, available, version,</i>								
	draft 15/08/2000	0 . 0 . 1		<a href="#">get it</a>					<i>remarks - general:</i> R3-27: abandoned.
	draft 05/10/2000	0 . 1 . 0		<a href="#">get it</a>					<i>remarks - this release:</i> RP-15: Withdrawal confirmed.
	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>					
<b>TR 25.951</b>	<b>Base Station classification (FDD)</b>								
Rel-4	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SÄYNÄJÄKANGAS, Tuomo	NOKIA Corporation				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>								
	draft 21/11/2000	0 . 0 . 1		<a href="#">get it</a>					<i>remarks - general:</i>
	RP-10 21/12/2000	1 . 0 . 0	RP-000598	<a href="#">get it</a>					<i>remarks - this release:</i> 2002-01-24: Gutierrez: moved to Rel-5
	RP-13 01/10/2001	1 . 1 . 0	RP-010681	<a href="#">get it</a>					

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

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Server WITHDRAWN specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.952 Base Station classification (TDD)**  
Rel-4 *current version:* 1.1.0 DRAFT WG (prime / other): R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS  
*freeze\_meeting:* tbd G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
draft 21/11/2000 0 . 0 . 1 [get it](#) *remarks - general:*  
RP-10 21/12/2000 1 . 0 . 0 [get it](#) *remarks - this release:* -> Rel-5  
RP-11 10/04/2001 1 . 1 . 0 [get it](#)

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Rel-4 26 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TR 26.078 Results of the AMR noise suppression selection phase**  
Rel-4 *current version:* 4.0.0 WG (prime / other): S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat  
*freeze\_meeting:* SP-11 G: U: yes MCC: USAI, Paolino  
*history (event, available, version,*  
SP-11 4 . 0 . 0 *remarks - general:* Replaced by 26.978.  
*remarks - this release:* Replaced by 26.978.

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**TS 26.226 Global text telephony (GTT); Transport of text in the voice channel**  
Rel-4 *current version:* 4.0.0 WG (prime / other): S4 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute  
*freeze\_meeting:* SP-11 G: yes U: yes MCC: USAI, Paolino  
*history (event, available, version,*  
SP-08 23/06/2000 0 . 0 . 0 [get it](#) *remarks - general:* SP-16: in "GERAN" set.  
SP-09 18/10/2000 0 . 0 . 9 [get it](#) *remarks - this release:* TSG#11:withdrawn->rel-5  
draft 24/10/2000 0 . 0 . 10 [get it](#)  
SP-10 21/12/2000 4 . 0 . 0 [get it](#)

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**TS 26.230 Global text telephony (GTT); Cellular text telephone modem transmitter C-code description**  
Rel-4 *current version:* 4.0.0 WG (prime / other): S4 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute  
*freeze\_meeting:* SP-11 G: yes U: yes MCC: USAI, Paolino  
*history (event, available, version,*  
SP-10 21/12/2000 4 . 0 . 0 [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.

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Server WITHDRAWN specs Rel-4 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
draft 01/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*  
draft 16/11/2000 0 . 0 . 2 [get it](#) *remarks - this release:* SP-12: withdrawn from Rel-4, moved to Rel-5.  
SP-10 21/12/2000 1 . 0 . 0 NP-000567 [get it](#)  
SP-11 10/04/2001 4 . 0 . 0 [get it](#)  
SP-12 4 . 1 . 0 immediately withdrawn, becomes Rel-5

## TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* No work, will never appear as 4.0.0 (Usai, Mar 2001)

## TR 26.920 Architectural Model for the 3G Transcoders

Rel-4 *current version:* 0.1.1 DRAFT *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-03 26/04/1999 0 . 1 . 1 [get it](#) *remarks - general:* 2000-01-22: S4 TFO group discontinues work on this report.  
*remarks - this release:* .

Rel-4 28 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

## TS 28.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

Rel-4 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* 2001-11-07: Boswarthick: Not required for Rel-4.

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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> 1.1.0		DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain		ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11			<i>G:</i>	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>			<i>U: yes</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> 4.0.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar		T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11			<i>G:</i>	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>			<i>U: yes</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> 1.0.0		DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> COURAU, François		ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11			<i>G:</i>	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>			<i>U: yes</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> 1.0.0		DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÄLL, Jan		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11			<i>G:</i>	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>			<i>U: yes</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.			

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[http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.808 Project plan on Packet Architecture and Circuit Architecture**

Rel-4 *current version:* 1.0.0 DRAFT WG (prime / other): S2 / - *rapporteur:* DROPMANN, Ulrich SIEMENS AG  
*freeze\_meeting:* SP-11 G: U: yes MCC: SULTAN, Alain  
*history (event, available, version,*  
SP-05 13/10/1999 1 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:* TSG#11: Work stopped.

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**TR 30.810 Project plan on Security**

Rel-4 *current version:* 1.0.0 DRAFT WG (prime / other): S2 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* SP-11 G: U: yes MCC: SULTAN, Alain  
*history (event, available, version,*  
SP-05 24/10/1999 1 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:* TSG#11: Work stopped.

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**TR 30.812 Project plan on Services and Service platforms**

Rel-4 *current version:* 1.0.0 DRAFT WG (prime / other): S2 / - *rapporteur:* SCHMERSEL, Rob CELLPOINT SYSTEMS AB  
*freeze\_meeting:* SP-11 G: U: yes MCC: SULTAN, Alain  
*history (event, available, version,*  
SP-05 13/10/1999 1 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:* TSG#11: Work stopped.

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Rel-4 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TR 31.900 SIM/USIM internal and external interworking aspects**

Rel-4 *current version:* 4.0.0 WG (prime / other): T3 / *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-15 G: U: yes MCC: DIETZE, Claus  
*history (event, available, version,*  
TP-15 28/03/2002 4 . 0 . 0 TP-16: withdrawn; only Rel-5 remains valid.

[get it](#) *remarks - general:*  
*remarks - this release:* TP-16: withdrawn; only Rel-5 remains valid.

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Rel-4 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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Server WITHDRAWN specs Rel-4 32 .- series  
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<b>TS 32.106-4</b>	<b>Telecommunication management; Configuration Management; Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i> SP-12
	<i>history (event, available, version,</i>
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG
	<i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> TSG#8: split into eight parts
	<i>remarks - this release:</i> SP-12: withdrawn.

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<b>TS 32.106-5</b>	<b>Telecommunication management; Configuration Management; Part 5: Basic Configuration Management Integration Reference Point (IRP) information model (including NRM)</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i> SP-12
	<i>history (event, available, version,</i>
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> TSG#8: split into eight parts
	<i>remarks - this release:</i> SP-12: withdrawn.

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<b>TS 32.106-6</b>	<b>Telecommunication management; Configuration Management; Part 6: Basic Configuration Management Integration Reference Point (IRP) CORBA solution set version 1:1</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i> SP-12
	<i>history (event, available, version,</i>
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG
	<i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> TSG#8: split into eight parts
	<i>remarks - this release:</i> SP-12: withdrawn.

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<b>TS 32.106-7</b>	<b>Telecommunication management; Configuration Management; Part 7: Basic Configuration Management Integration Reference Point (IRP) CMIP solution set version 1:1</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i> SP-12
	<i>history (event, available, version,</i>
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> TSG#8: split into eight parts
	<i>remarks - this release:</i> SP-12: withdrawn.

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<b>TS 32.106-8</b>	<b>Telecommunication management; Configuration Management; Part 8: Name convention for Managed Objects</b>
Rel-4	<i>current version:</i> 4.0.0
	<i>freeze_meeting:</i> SP-11
	<i>history (event, available, version,</i>
	SP-11 28/03/2001 4 . 0 . 0 SP-12: withdrawn.
	<a href="#">get it</a> <i>remarks - general:</i> TSG#8: split into eight parts
	<i>remarks - this release:</i> SP-12: withdrawn. See 32.600.

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<b>TS 32.111</b>	<b>3G Fault Management</b>										
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CICCHITTO, Gaetano	SIEMENS Information and Communication Networks SpA					
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>										
	SP-11 28/03/2001	4	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts		
									<i>remarks - this release:</i> .		
<hr/>											
<b>TS 32.112-1</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Part 1: Requirements</b>										
Rel-4	<i>current version:</i> 2.0.0			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,						
	<i>freeze_meeting:</i> tbd			G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>										
	SP-12	2	.	0	.	0	SP-010285		<i>remarks - general:</i> SP-12: stopped. See 32.311.		
									<i>remarks - this release:</i> .		
<hr/>											
<b>TS 32.112-2</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Part 2: Information service</b>										
Rel-4	<i>current version:</i> 2.0.0			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> ,						
	<i>freeze_meeting:</i> tbd			G: U: yes	<i>MCC:</i> SULTAN, Alain						
	<i>history (event, available, version,</i>										
	SP-12	2	.	0	.	0	SP-010285		<i>remarks - general:</i> SP-12: stopped. See 32.312.		
									<i>remarks - this release:</i> .		
<hr/>											
<b>TS 32.140</b>	<b>Services operations management; Subscription management requirements</b>										
Rel-4	<i>current version:</i> 0.1.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey	TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.					
	<i>freeze_meeting:</i> NP-13			G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>										
	draft 01/08/2000	0	.	1	.	0		<a href="#">get it</a>	<i>remarks - general:</i>		
									<i>remarks - this release:</i> TSG#8:0.1.0 but associated WI not approved. NP-12: moved to rel-5.		
<hr/>											
<b>TS 32.301-1</b>	<b>Telecommunication management; Configuration Management; Notification Integration Reference Point (IRP): requirements</b>										
Rel-4	<i>current version:</i> 2.0.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd					
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>										
	SP-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> .		

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<b>TS 32.301-2</b>	<b>Telecommunication management; Configuration Management; Part 2: Notification Integration Reference Point; Information Service version 1</b>				
Rel-4	current version: 2.0.0	DRAFT	WG (prime / other): S5 / -	rapporteur: TSE, Edwin	Ericsson Incorporated
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian	
history (event, available, version,	SP-12 18/06/2001	2 . 0 . 0	<a href="#">get it</a>	remarks - general:	Replaces 32.106- 2SP-12: stopped. See 32.302.
				remarks - this release:	.
<hr/>					
<b>TS 32.301-3</b>	<b>Telecommunication management; Configuration Management; Part 3: Notification Integration Reference Point; CORBA solution set version 1:1</b>				
Rel-4	current version: 2.0.0	DRAFT	WG (prime / other): S5 / -	rapporteur: SCHEER, Randal	Lucent Technologies
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian	
history (event, available, version,	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; Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1</b>				
Rel-4	current version: 2.0.0	DRAFT	WG (prime / other): S5 / -	rapporteur: ZHOU, Di	SIEMENS AG
	freeze_meeting: tbd		G: U: yes	MCC: ZOICAS, Adrian	
history (event, available, version,	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: ,	
	freeze_meeting:		G: yes U: yes	MCC: ZOICAS, Adrian	
history (event, available, version,				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: 2.0.0	DRAFT	WG (prime / other): S5 / -	rapporteur: NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND
	freeze_meeting: tbd		G: yes U:	MCC: ZOICAS, Adrian	
history (event, available, version,	SP-12 21/06/2001	1 . 0 . 0	<a href="#">get it</a>	remarks - general:	was 32.104 (pars). SP-13: replaced by 52.402.
	SP-13 11/10/2001	2 . 0 . 0	<a href="#">get it</a>	remarks - this release:	.
					SP-010467 approved as 52.042

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

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<b>TS 32.601-1</b>	<b>Telecommunication management; Configuration Management; Part 1: Basic CM Integration Reference Point (IRP): requirements</b>				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> tbd		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i> SP-12 18/06/2001 2 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.106 (pars). SP-12: stopped. See 32.601.	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 32.601-2</b>	<b>Telecommunication management; Configuration Management; Part 2: Basic configuration management Integration Reference Point (IRP) information model</b>				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> tbd		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i> SP-12 18/06/2001 2 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.602.	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 32.601-3</b>	<b>Telecommunication management; Configuration Management; Part 3: Basic configuration management Integration Reference Point (IRP): CORBA solution set</b>				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> tbd		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i> SP-12 18/06/2001 2 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.603.	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 32.601-4</b>	<b>Telecommunication management; Configuration Management; Part 4: Basic configuration management Integration Reference Point (IRP) CMIP solution set</b>				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i> SP-12 18/06/2001 2 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.604.	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 32.602-1</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk CM Integration Reference Point (IRP) requirements</b>				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,	
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i> SP-12 18/06/2001 2 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> SP-12: stopped. See 32.611.	
				<i>remarks - this release:</i> .	

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<b>TS 32.602-2</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management Integration Reference Point (IRP): Information</b>
Rel-4	<i>current version:</i> 2.0.0 DRAFT
	<i>freeze_meeting:</i> tbd
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> ,
SP-12 18/06/2001 2 . 0 . 0	<i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> SP-12: stopped. See 32.612.
	<i>remarks - this release:</i> .

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<b>TS 32.602-3</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management Integration Reference Point (IRP): CORBA</b>
Rel-4	<i>current version:</i> 2.0.0 DRAFT
	<i>freeze_meeting:</i> tbd
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> ,
SP-12 18/06/2001 2 . 0 . 0	<i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> SP-12: stopped. See 32.613.
	<i>remarks - this release:</i> .

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<b>TS 32.602-4</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management Integration Reference Point (IRP): CMIP solution</b>
Rel-4	<i>current version:</i> 2.0.0 DRAFT
	<i>freeze_meeting:</i> tbd
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> ,
SP-12 18/06/2001 2 . 0 . 0	<i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> SP-12: stopped. See 32.614.
	<i>remarks - this release:</i> .

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<b>TS 32.602-5</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management Integration Reference Point (IRP): XML file format</b>
Rel-4	<i>current version:</i> <b>definition</b> 2.0.0 DRAFT
	<i>freeze_meeting:</i> tbd
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> ,
SP-12 18/06/2001 2 . 0 . 0	<i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> SP-12: stopped. See 32.615.
	<i>remarks - this release:</i> .

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<b>TS 32.620-1</b>	<b>Telecommunication management; Configuration Management; Part 1: Generic network resources Integration Reference Point (IRP): requirements</b>
Rel-4	<i>current version:</i> 2.0.0 DRAFT
	<i>freeze_meeting:</i> tbd
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd
SP-12 18/06/2001 2 . 0 . 0	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106 (pars).SP-12: stopped. See 32.621.
	<i>remarks - this release:</i> .

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**TS 32.620-2 Telecommunication management; Configuration Management; Part 2: Generic network resources Integration Reference Point (IRP): NRM**  
Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* tbd *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-5 (pars )SP-12: stopped. See 32.622.  
*remarks - this release:* .

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**TS 32.620-3 Telecommunication management; Configuration Management; Part 3: Generic network resources Integration Reference Point (IRP): CORBA solution set**  
Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG  
*freeze\_meeting:* tbd *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.623.  
*remarks - this release:* .

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**TS 32.620-4 Telecommunication management; Configuration Management; Part 4: Generic network resources: Integration Reference Point (IRP) CMIP solution set**  
Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* tbd *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.624.  
*remarks - this release:* .

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**TS 32.621-1 Telecommunication management; Configuration Management; Part 1: Core network resources Integration Reference Point (IRP): requirements**  
Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* tbd *G: U: yes* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.631.  
*remarks - this release:* .

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**TS 32.621-2 Telecommunication management; Configuration Management; Core Network Resources Integration Reference Point (IRP): NRM**  
Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* tbd *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.632.  
*remarks - this release:* .

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

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<b>TS 32.621-3</b>	<b>Telecommunication management; Configuration Management; Part 3: Core network resources Integration Reference Point (IRP): CORBA solution set</b>
Rel-4	<i>current version:</i> 2.0.0 DRAFT
	<i>freeze_meeting:</i> tbd
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG
SP-12 18/06/2001 2 . 0 . 0	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.633.
	<i>remarks - this release:</i> .

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<b>TS 32.621-4</b>	<b>Telecommunication management; Configuration Management; Part 4: Core network resources Integration Reference Point (IRP): CMIP solution set</b>
Rel-4	<i>current version:</i> 2.0.0 DRAFT
	<i>freeze_meeting:</i> tbd
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.634.
	<i>remarks - this release:</i> .

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<b>TS 32.622-1</b>	<b>Telecommunication management; Configuration Management; Part 1: UTRAN network resources Integration Reference Point (IRP): requirements</b>
Rel-4	<i>current version:</i> 2.0.0 DRAFT
	<i>freeze_meeting:</i> tbd
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd
SP-12 18/06/2001 2 . 0 . 0	<i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106 (pars).SP-12: stopped. See 32.641.
	<i>remarks - this release:</i> .

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<b>TS 32.622-2</b>	<b>Telecommunication management; Configuration Management; Part 2: UTRAN network resources Integration Reference Point (IRP): NRM</b>
Rel-4	<i>current version:</i> 2.0.0 DRAFT
	<i>freeze_meeting:</i> tbd
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	<i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.642.
	<i>remarks - this release:</i> .

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<b>TS 32.622-3</b>	<b>Telecommunication management; Configuration Management; Part 3: UTRAN network resources Integration Reference Point (IRP): CORBA solution set</b>
Rel-4	<i>current version:</i> 2.0.0 DRAFT
	<i>freeze_meeting:</i> tbd
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG
SP-12 18/06/2001 2 . 0 . 0	<i>G:</i> U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.
	<i>remarks - this release:</i> .

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

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**TS 32.622-4 Telecommunication management; Configuration Management; Part 4: UTRAN network resources Integration Reference Point (IRP): CMIP solution set**  
Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* tbd *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.644.  
*remarks - this release:* .

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**TS 32.623-1 Telecommunication management; Configuration Management; Part 1: GERAN network resources Integration Reference Point (IRP): requirements**  
Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* tbd *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.651.  
*remarks - this release:* .

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**TS 32.623-2 Telecommunication management; Configuration Management; Part 2: GERAN network resources Integration Reference Point (IRP): NRM**  
Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* tbd *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.652.  
*remarks - this release:* .

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**TS 32.623-3 Telecommunication management; Configuration Management; Part 3: GERAN network resources Integration Reference Point (IRP): CORBA solution set**  
Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG  
*freeze\_meeting:* tbd *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.653.  
*remarks - this release:* .

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**TS 32.623-4 Telecommunication management; Configuration Management; Part 4: GERAN network resources Integration Reference Point (IRP): CMIP solution set**  
Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* tbd *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.654.  
*remarks - this release:* .

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

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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 33.900** **Guide to 3G security**  
Rel-4 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*  
WG (*prime / other*): S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry  
G: U: yes *MCC:* POPE, Maurice  
*remarks - general:*  
*remarks - this release:*

Rel-4 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

**TS 41.001** **GSM Specification set**  
Rel-4 *current version:* 1.0.0 DRAFT  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-10 03/12/2000 1 . 0 . 0  
WG (*prime / other*): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
G: yes U: *MCC:* POPE, Maurice  
[get it](#) *remarks - general:* ->41.102, renumbered at TSG#10.  
*remarks - this release:* ->41.102

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:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11 10/04/2001 4 . 0 . 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:* SP-16: withdrawn in favour of 22.032.  
*remarks - this release:* SP-16: withdrawn in favour of 22.032.

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<b>TS 42.048</b>	<b>Security mechanisms for the SIM Application Toolkit; Stage 1</b>								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	TP-11 09/04/2001	4 . 0 . 0	withdrawn at TP-12	<a href="#">get it</a>	<i>remarks - general:</i>	TP-12: Becomes 22.048.			
					<i>remarks - this release:</i>	TP-12: Becomes 22.048.			
<hr/>									
<b>TS 42.053</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>	Scrapped - see 22.053, Rel-4 onwards.			
					<i>remarks - this release:</i>				
<hr/>									
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	Rel-4	43 .- series	Server location:	<a href="http://www.3gpp.org/ftp/Specs/archive/43_series">http://www.3gpp.org/ftp/Specs/archive/43_series</a>					
<hr/>									
<b>TS 43.035</b>	<b>Immediate Service Termination (IST); Stage 2</b>								
Rel-4	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	SP-16: withdrawn in favour of 23.035.			
	SP-15 26/03/2002	4 . 1 . 0		<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> 4.0.0								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	post-TSG-14 23/01/2002	4 . 0 . 0	2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.	<a href="#">get it</a>	<i>remarks - general:</i>	2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.			
			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.			
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<b>TS 43.048</b>	<b>Security Mechanisms for SIM Toolkit Application; Stage 2</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> DIETZE, Claus						
	<i>history (event, available, version,</i> TP-11 09/04/2001 4 . 0 . 0	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> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i> GP-02 05/01/2001 4 . 0 . 0	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> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i> NP-11 11/04/2001 4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to					
				<i>remarks - this release:</i> 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1					
				withdraw.					
				work not continued beyond R99, so proposes to withdraw.					
<hr/>									
<b>TS 43.071</b>	<b>Location services (LCS); Stage 2</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> BROOK, Richard	SAMSUNG Electronics Research Institute					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> SULTAN, Alain						
	<i>history (event, available, version,</i> SP-11 4 . 0 . 0								
				<i>remarks - general:</i> Superseded by 23.271 Rel-4.					
				<i>remarks - this release:</i> Superseded by 23.271 Rel-4.					

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Rel-4 **44** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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

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Server WITHDRAWN specs Rel-4 44 .- series  
[http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.008 Mobile radio interface layer 3 specification

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 11/04/2001 4 . 0 . 0 withdrawn NP-15

*WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
*remarks - this release:* withdrawn at NP-15.

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## TS 44.063 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 11/04/2001 4 . 0 . 0

*WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[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.

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Rel-4 48 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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## TS 48.062 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

Rel-4 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* -> 28.062  
*remarks - this release:* -> 28.062

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Rel-4 49 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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

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Server WITHDRAWN specs Rel-4 49 .- series  
[http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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**TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**  
Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* tbd *G: yes U:* MCC: JORGENSEN, Per Johan  
*history (event, available, version,*  
*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to  
*remarks - this release:* . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994  
handling both "GSM" and "UMTS" problems.

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Rel-4 **50** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

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**TR 50.043 Support of Localised Service Area (SoLSA); Work Item Status**  
Rel-4 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* *G: yes U:* MCC: CLAYTON, Michael  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* 2001-April:Clayton: stopped.

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**TS 50.056 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S2 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.  
*freeze\_meeting:* SP-11 *G: yes U:* MCC: SULTAN, Alain  
*history (event, available, version,*  
SP-11 4 . 0 . 0 not to be produced  
*remarks - general:* Apr 2001 - Sultan:no Rel-4 will exist  
*remarks - this release:* Apr 2001 - Sultan:no Rel-4 will exist Jun 2001: confirmed, so withdrawn.

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**TS 50.089 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;**  
Rel-4 *current version:* none *WG (prime / other):* GP / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* SP-11 *G: yes U:* MCC: USAI, Paolino  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* Usai Apr-2001: will never be produced.

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



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Server WITHDRAWN specs Rel-4 52 .- series  
[http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

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**TS 52.071 Location Services (LCS); Location services management**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-11 28/03/2001 4 . 0 . 0 *withdrawn SP-13* [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?)*

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## R00

R00 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.68 Voice Group Call Service (VGCS); Stage 1**  
R00 *current version:* 9.0.0 *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,*  
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

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**TS 02.69 Voice Broadcast Service (VBS); Stage 1**  
R00 *current version:* 9.0.0 *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,*  
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

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R00 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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

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Server WITHDRAWN specs R00 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

<b>TS 03.20</b>	<b>Security-related Network Functions</b>					
R00	current version: 9.0.0 freeze_meeting: SP-11	WG (prime / other): S3 / NP / GP	rapporteur: NGUYEN NGOC, Sebastien	France Telecom		
	history (event, available, version, smg-32 16/01/2001 9 . 0 . 0	G: yes U:	MCC: POPE, Maurice			
		<a href="#">get it</a>	remarks - general: remarks - this release:			
<b>TS 03.51</b>	<b>GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2</b>					
R00	current version: none freeze_meeting:	WG (prime / other): G1 / -	rapporteur: SÉBIRE, Guillaume	NOKIA Corporation		
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino			
			remarks - general: -> 43.051 remarks - this release: .			
<b>TS 03.59</b>	<b>Location services (LCS) GERAN; Stage 2</b>					
R00	current version: 0.0.1 freeze_meeting:	WG (prime / other): G1 / -	rapporteur: LIVINGSTON, Margaret	NOKIA Corporation		
	draft 30/05/2000 0 . 0 . 1	G: yes U:	MCC: USAI, Paolino			
		<a href="#">get it</a>	remarks - general: remarks - this release: replaced by 43.059			
<b>TS 03.68</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>					
R00	current version: 9.0.0 freeze_meeting:	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)		
	history (event, available, version, smg-32 20/06/2000 9 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan			
		<a href="#">get it</a>	remarks - general: remarks - this release: #32:9.0.0 TSG#8:9.0.0->43.068v4.0.0			
<b>TS 03.69</b>	<b>Voice Broadcast service (VBS); Stage 2</b>					
R00	current version: 9.0.0 freeze_meeting:	WG (prime / other): N1 / -	rapporteur: MÜNNING, Dirk	DETECON GMBH		
	history (event, available, version, smg-30 20/06/2000 9 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan			
		<a href="#">get it</a>	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

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Server WITHDRAWN specs R00 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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R00 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control Protocol**

R00 current version: 9.0.0  
freeze\_meeting:  
history (event, available, version,  
smg-32 20/06/2000 9 . 0 . 0

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

[get it](#) remarks - general:  
remarks - this release: Aug00: replaced by 44.018

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**TS 04.68 Group Call Control (GCC) Protocol**

R00 current version: 9.0.0  
freeze\_meeting:  
history (event, available, version,  
smg-32 20/06/2000 9 . 0 . 0 >44.069v4.0.0

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)  
G: yes U: MCC: JORGENSEN, Per Johan

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

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**TS 04.69 Broadcast Call Control (BCC) protocol**

R00 current version: 9.0.0  
freeze\_meeting:  
history (event, available, version,  
smg-32 20/06/2000 9 . 0 . 0 ->44.069v4.0.0

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)  
G: yes U: MCC: JORGENSEN, Per Johan

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

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R00 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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



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Server WITHDRAWN specs R00 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R00 *current version:* 9.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version,*

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
Fix graphics	16/05/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
smg-32	20/06/2000	9	.	0	.	0

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:* #32:9.0.0 Aug00: replaced by 48.008

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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R00 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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## TS 10.99 GERAN project plan and open issues

R00 *current version:* 0.0.5 DRAFT *WG (prime / other):* / *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: *MCC:*

*history (event, available, version,*

draft (as 10.99)	30/05/2000	0	.	0	.	5
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[get it](#)

*remarks - general:*

*remarks - this release:* .

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R00 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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Server WITHDRAWN specs R00 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification**  
R00 *current version:* 9.0.1 *freeze\_meeting:*  
*history (event, available, version, smg-32 20/06/2000 9 . 0 . 0 edito 12/07/2000 9 . 0 . 1*

*WG (prime / other):* G5 / S1 / NP / T2 / SCP / G4  
*rapporteur:* SALMERON, Lidia ETSI Secretariat  
*G: yes U:* *MCC:* SALMERON, Lidia

*get it* *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently  
*get it* *remarks - this release:* #32:9.0.0->51.010-1v4.0.1 replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

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**TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**  
R00 *current version:* 9.0.0 *freeze\_meeting:*  
*history (event, available, version, smg-32 20/06/2000 9 . 0 . 0 Tdoc 7-00-276; P-00-266*

*WG (prime / other):* G5 / S1 / NP / T2 / SCP / G4  
*rapporteur:* SALMERON, Lidia ETSI Secretariat  
*G: yes U:* *MCC:* SALMERON, Lidia

*get it* *remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* #32:9.0.0->51.010-3v4.0.0

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## R99

R99 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TR 01.00 Working Procedures for SMG and PT SMG**  
R99 *current version:* 8.0.0 *freeze\_meeting:*  
*history (event, available, version, smg-30 11/11/1999 8 . 0 . 0*

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

*get it* *remarks - general:*  
*remarks - this release:* SP-15: withdrawn since SMG and PT-SMG no longer exist.

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

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[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TS 01.56 GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements**  
R99 *current version:* 8.0.0 *WG (prime / other):* S1 / - *rapporteur:* MESSIET, Samira ALCATEL S.A.  
*freeze\_meeting:* G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
Withdrawn 16/11/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* CTS is dead duck

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R99 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)**  
R99 *current version:* 8.2.1 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 8 . 1 . 0 [get it](#) *remarks - this release:* TSG#6: ->3G  
smg-30 25/10/2001 8 . 2 . 0 [get it](#)  
ETSI publication 30/10/2001 8 . 2 . 1 [get it](#)

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**TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)**  
R99 *current version:* 8.0.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Lucent Technologies Network Systems UK  
*freeze\_meeting:* G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-29 25/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

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**TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)**  
R99 *current version:* 8.0.0 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-30 11/11/1999 8 . 0 . 0 withdrawn [get it](#) *remarks - general:*  
*remarks - this release:* #30: 8.0.0 TSG#6->3g

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

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Server WITHDRAWN specs R99 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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<b>TS 02.04</b>	<b>General on Supplementary Services</b>								
R99	current version: 8.1.0		WG (prime / other): S1 / -	rapporteur: CARPENTER, Paul	Lucent Technologies Network Systems UK				
	freeze_meeting:		G: yes U:	MCC: CLAYTON, Michael					
	history (event, available, version,								
	smg-28 12/02/1999	8 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-29 26/06/1999	8 . 1 . 0	withdrawn (becomes 22.004)	<a href="#">get it</a>	remarks - this release:				
<hr/>									
<b>TS 02.07</b>	<b>Mobile Station (MS) Features</b>								
R99	current version: 8.1.0		WG (prime / other): S1 / -	rapporteur: JEAL, David	VODAFONE Group Plc				
	freeze_meeting:		G: yes U:	MCC: CLAYTON, Michael					
	history (event, available, version,								
	smg-29 25/06/1999	8 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-30 11/11/1999	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.	<a href="#">get it</a>	remarks - this release: TSG#6: withdrawn				
<hr/>									
<b>TS 02.32</b>	<b>Immediate Service Termination (IST); Service description; Stage 1</b>								
R99	current version: 8.0.1		WG (prime / other): S3 /	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One				
	freeze_meeting:		G: yes U:	MCC: POPE, Maurice					
	history (event, available, version,								
	Upgrade to R99 14/02/2000	8 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	ETSI publication 05/06/2001	8 . 0 . 1		<a href="#">get it</a>	remarks - this release: 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	current version: 8.1.0		WG (prime / other): S1 /	rapporteur: KOKKOLA, Tommi	NOKIA Corporation				
	freeze_meeting:		G: yes U:	MCC: CLAYTON, Michael					
	history (event, available, version,								
	smg-28 12/02/1999	8 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-29 25/06/1999	8 . 1 . 0	withdrawn -> 22.034	<a href="#">get it</a>	remarks - this release:				
<hr/>									
<b>TS 02.38</b>	<b>SIM application toolkit (SAT); Stage 1</b>								
R99	current version: none		WG (prime / other): S1 / SCP	rapporteur: CARPENTER, Paul	Lucent Technologies Network Systems UK				
	freeze_meeting:		G: yes U:	MCC: CLAYTON, Michael					
	history (event, available, version,								
					remarks - general: Moved from T3 Jan-00.				
					remarks - this release: Place holder - no spec.				

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



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Server WITHDRAWN specs R99 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1**

R99 *current version:* 8.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-28 12/02/1999 8 . 0 . 0

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

[get it](#) *remarks - general:*  
*remarks - this release:* #28: 8.0.0 (to be deleted, moved to 3GPP)

---

**TS 02.90 Stage 1 Decision of Unstructured Supplementary Service Data (USSD)**

R99 *current version:* 8.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-28 12/02/1999 8 . 0 . 0

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

[get it](#) *remarks - general:*  
*remarks - this release:* #28: 8.0.0 (to be deleted, moved to 3GPP)

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R99

03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.01 Network Functions**

R99 *current version:* 8.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
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:* SULTAN, Alain

[get it](#) *remarks - general:* SMG3->SA2 @ TSG#7  
*remarks - this release:* Never produced; make do with R98 version.

---

**TS 03.35 Immediate Service Termination (IST); Stage 2**

R99 *current version:* 8.1.0  
*freeze\_meeting:*  
*history (event, available, version,*  
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 favouf of 23.035 R99.

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

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Server WITHDRAWN specs R99 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TR 03.43 Support of Videotex**  
R99 *current version:* 8.0.0 *freeze\_meeting:* *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.  
*history (event, available, version, frozen at v7 20/11/2000 8 . 0 . 0 (withdrawn))* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
[get it](#) *remarks - general:*  
*remarks - this release:* Frozen at v7

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**TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)**  
R99 *current version:* 8.0.0 *freeze\_meeting:* *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, ETSI Secretariat  
*history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0)* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
[get it](#) *remarks - general:*  
*remarks - this release:* Frozen at v7

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**TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)**  
R99 *current version:* 8.0.0 *freeze\_meeting:* *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, ETSI Secretariat  
*history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0)* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
[get it](#) *remarks - general:*  
*remarks - this release:* Frozen at v7

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**TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)**  
R99 *current version:* 8.0.0 *freeze\_meeting:* *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, ETSI Secretariat  
*history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0)* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
[get it](#) *remarks - general:*  
*remarks - this release:* clamped at v7

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**TS 03.56 GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2**  
R99 *current version:* 8.0.0 *freeze\_meeting:* *WG (prime / other):* S2 / - *rapporteur:* ROBERTS, Martin Nortel  
*history (event, available, version, Upgrade to R99 01/05/2000 8 . 0 . 0)* *G: yes U:* *MCC:* SULTAN, Alain  
[get it](#) *remarks - general:*  
*remarks - this release:* Never produced; make do with R98 version.

---

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

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Server WITHDRAWN specs R99 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2**  
R99 *current version:* 8.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, 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:* 8.0.0 *WG (prime / other):* N4 / - *rapporteur:* POTHS, Annette Indicate persons who left Company and wait for new One  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version, smg-28 12/02/1999 8 . 0 . 0* [get it](#) *remarks - general:*  
*remarks - this release:* #28: 8.0.0 (to be deleted, moved to 3GPP)

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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**  
R99 *current version:* Switching Centre (BSS - MSC) interface 8.0.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert  
SIEMENS AG  
*freeze\_meeting:* G: yes U: *MCC:* BOSWARTHICK, David  
*history (event, available, version, smg-29 25/06/1999 8 . 0 . 0* [get it](#) *remarks - general:*  
*remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

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**TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3**  
R99 *current version:* 8.0.1 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, smg-31 16/02/2000 8 . 0 . 0* [get it](#) *remarks - general:*  
Editorial correction 27/04/2000 8 . 0 . 1 NP-15 withdrawn [get it](#) *remarks - this release:* TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

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



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Server WITHDRAWN specs R99 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.94 Follow Me Service description; Stage 3

R99 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* - / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*G: yes U:* *MCC:* ,

*remarks - general:* TF139 proposes to abandon; not needed. USSD does all.  
*remarks - this release:* scrapped whilst still on starting block

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R99 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TR 05.14 Release independent frequency bands; Implementation guidelines

R99 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.  
*remarks - this release:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.  
Changed from G2 to G1 at same time.  
R99 will not be produced (source: Usai 2001-01-05)

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R99 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* 8.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-29 25/06/1999 8 . 0 . 0

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

[get it](#) *remarks - general:*  
*remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

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

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Server WITHDRAWN specs R99 07 .- series  
[http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R99 *current version:* 8.0.0 *WG (prime / other):* N3 / - *rapporteur:* WIIK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* *G:* yes *U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, smg-29 25/06/1999 8 . 0 . 0)* [get it](#) *remarks - general:*  
*remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R99 *current version:* 8.0.0 *WG (prime / other):* N3 / - *rapporteur:* WIIK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* *G:* yes *U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, smg-29 25/06/1999 8 . 0 . 0)* [get it](#) *remarks - general:*  
*remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

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## TS 07.08 GSM Application Programming Interface

R99 *current version:* 8.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, ETSI Secretariat  
*freeze\_meeting:* *G:* yes *U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, Creation of R99 30/06/2000 8 . 0 . 0)* [get it](#) *remarks - general:*  
*remarks - this release:* Frozen at v5

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R99 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TS 09.07 General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone

R99 *current version:* Network (PSTN) 8.0.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert  
SIEMENS AG  
*freeze\_meeting:* *G:* yes *U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, smg-29 25/06/1999 8 . 0 . 0)* [get it](#) *remarks - general:*  
*remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

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

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Server WITHDRAWN specs R99 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.14 Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling

R99 *current version:* 8.0.0 *WG (prime / other):* SPA / N4 *rapporteur:* SPORTON, Simon VODAFONE Group Plc  
*freeze\_meeting:* G: yes U: MCC:  
*history (event, available, version, WITHDRAWN 29/05/2000 8 . 0 . 0* [get it](#) *remarks - general:* EN 302 646  
*remarks - this release:* May00: Possibly no need for an update.

## TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

R99 *current version:* 8.0.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc  
*freeze\_meeting:* G: yes U: MCC: JORGENSEN, Per Johan  
*history (event, available, version, smg-29 25/06/1999 8 . 0 . 0* [get it](#) *remarks - general:*  
*remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

## TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* tbd G: yes U: MCC: JORGENSEN, Per Johan  
*history (event, available, version,* *remarks - general:*  
*remarks - this release:* 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)

## TR 10.43 Support of Localised Service Area (SoLSA); Work Item Status

R99 *current version:* 1.11.0 DRAFT *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* G: yes U: MCC: CLAYTON, Michael  
*history (event, available, version, draft 17/04/1998 1 . 2 . 0 empty!* [get it](#) *remarks - general:*  
*smg-28 30/06/1999 1 . 11 . 0* [get it](#) *remarks - this release:* #25: 1.11.0 #30b: 1.11.0 2001-April:Clayton: stopped.

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

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[http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)**  
R99 *current version:* 8.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, ETSI Secretariat  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
WITHDRAWN 14/03/2000 8 . 0 . 0 [get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references  
*remarks - this release:* No R99 impact.

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**TR 10.76 Noise suppression for the AMR codec; Project scheduling and open issues**  
R99 *current version:* 1.0.0 *DRAFT* *WG (prime / other):* S4 / *rapporteur:* ,  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
draft 15/08/1999 0 . 0 . 8 [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped".  
draft 15/10/1999 1 . 0 . 0 2002-01-23: Usai indicates "stopped". [get it](#) *remarks - this release:* 2002-01-23: Usai indicates "stopped".

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**TS 10.89 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;**  
R99 *current version:* 0.0.6 *DRAFT* *WG (prime / other):* GP / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
draft 14/03/2000 0 . 0 . 3 [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped".  
draft 08/04/2000 0 . 0 . 4 [get it](#) *remarks - this release:* 2002-01-23: Usai indicates "stopped".  
draft 19/04/2000 0 . 0 . 5 [get it](#)  
draft 04/08/2000 0 . 0 . 6 2002-01-23: Usai indicates "stopped". [get it](#)

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R99 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**  
R99 *current version:* 8.0.0 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia ETSI Secretariat  
*freeze\_meeting:* NP /  
T2 /  
SCP  
/ G4  
*G: yes U:* *MCC:* SALMERON, Lidia  
*history (event, available, version,*  
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* proposed, but nya; flagged as withdrawn at SMG#32 to make life easier

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

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[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>				
R99	current version: 8.0.0 freeze_meeting:	WG (prime / other): G5 / S1 / NP / T2 / SCP / G4	rapporteur: SALMERON, Lidia	ETSI Secretariat	
	history (event, available, version, Upgraded to R99 30/06/2000 8 . 0 . 0	G: yes U:	MCC: SALMERON, Lidia		<a href="#">get it</a> remarks - general: 2001-11-19: G4->G5. remarks - this release: skipped straight to R00.
<b>TS 11.10-4</b>	<b>Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification</b>				
R99	current version: 8.0.0 freeze_meeting:	WG (prime / other): G5 / G4, T3	rapporteur: SALMERON, Lidia	ETSI Secretariat	
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0	G: yes U:	MCC: SALMERON, Lidia		<a href="#">get it</a> remarks - general: 2001-11-19: G4->G5. TP-14: may be txferred to T3. remarks - this release: May 00: R99 not anticipated.
<b>TS 11.13</b>	<b>Test specification for SIM API for Java card</b>				
R99	current version: none freeze_meeting: tbd	WG (prime / other): T3 / -	rapporteur: LLOBREGAT, Fernando	OBERTHUR CARD SYSTEMS S.A.	
	history (event, available, version,	G: yes U:	MCC: DIETZE, Claus		remarks - general: remarks - this release: No work on R99!
<b>TS 11.17</b>	<b>SIM test specification</b>				
R99	current version: 8.0.0 freeze_meeting:	WG (prime / other): T3 / -	rapporteur: BREMNER, David	ASPECTS Software Ltd	
	history (event, available, version, WITHDRAWN 14/03/2000 8 . 0 . 0	G: yes U:	MCC: DIETZE, Claus		<a href="#">get it</a> remarks - general: remarks - this release: May 00: R99 not anticipated.
<b>TS 11.18</b>	<b>Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface</b>				
R99	current version: 8.0.0 freeze_meeting:	WG (prime / other): T3 / -	rapporteur: LINDHOLM, Rune	NOKIA MOBILE PHONES	
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0	G: yes U:	MCC: DIETZE, Claus		<a href="#">get it</a> remarks - general: remarks - this release: Sanders Oct 2000: Effectively replaced by 31.101.

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

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[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

R99 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

**TS 21.010 reserved**

R99 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* SP / - *rapporteur:* VACANT,  
G: U: yes *MCC:* POPE, Maurice

*remarks - general:*  
*remarks - this release:* 3.0.0 dates from June 99

**TS 21.100 3G specification handling procedures**

R99 *current version:* 1.0.0 DRAFT  
*freeze\_meeting:*  
*history (event, available, version,*  
SP-08 28/06/2000 1 . 0 . 0

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

[get it](#) *remarks - general:* Knobbled prior to SA#8.  
*remarks - this release:*

**TS 21.906 reserved**

R99 *current version:* 3.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
First complete 04/03/1999 0 . 0 . 0  
SP-03 3 . 0 . 0

*WG (prime / other):* / *rapporteur:* CLAYTON, Michael ETSI Secretariat  
G: U: yes *MCC:*

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

R99 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

**TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1**

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-05  
*history (event, available, version,*  
SP-05 13/10/1999 3 . 0 . 1  
SP-08 28/06/2000 3 . 1 . 0

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

[get it](#) *remarks - general:* Transfer>TSG#4  
[get it](#) *remarks - this release:* Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.

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

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Server WITHDRAWN specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version, SP-06* 3 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*G:* yes *U:* yes *MCC:* USAI, Paulino

*remarks - general:* Transfer>TSG#4.  
*remarks - this release:* 2001-01-22: Scrapped. 02.53 is retained.

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## TR 22.907 Terminal concepts

R99 *current version:* 3.1.3  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
Table of Contents 19/10/1997 0 . 0 . 2  
and Scope  
First complete 19/12/1997 1 . 0 . 0  
WG approval 15/02/1998 2 . 0 . 0  
TB approval 20/03/1998 3 . 0 . 0  
SP-03 22/04/1999 3 . 1 . 2  
SP-04 23/06/1999 3 . 1 . 3

*WG (prime / other):* - / - *rapporteur:* TOLVANEN, Mika NOKIA MOBILE PHONES  
*G:* *U:* yes *MCC:* ,

[get it](#) *remarks - general:* CR at TSG#4 Not maintained  
*remarks - this release:* Withdrawn (Clayton 2000-02-11)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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## TR 22.924 Charging and accounting mechanisms

R99 *current version:* 3.1.1  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
Table of Contents 19/10/1997 0 . 0 . 1  
and Scope  
First complete 19/12/1997 1 . 2 . 1  
WG approval 15/02/1997 2 . 0 . 0  
Under TB change 20/03/1998 3 . 0 . 0  
control  
TB approval 15/02/1999 3 . 1 . 0  
SP-03 23/04/1999 3 . 1 . 1

*WG (prime / other):* - / - *rapporteur:* MONTEGROSSO, Emanuele TELECOM ITALIA S.p.A.  
*G:* *U:* yes *MCC:* ,

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

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

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<b>TR 22.925</b>	<b>Quality of Service (QoS) and network performance</b>				
R99	<i>current version:</i> 3.1.1		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> ERIKSSON, Olle	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-03		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>				
	First complete 13/06/1997	1 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	WG approval 19/12/1997	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	TB approval 20/03/1998	3 . 0 . 0	<a href="#">get it</a>		
	SP-03 23/04/1999	3 . 1 . 1	<a href="#">get it</a>		

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<b>TR 22.960</b>	<b>Mobile multimedia services</b>				
R99	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AHNBERG, Tomas	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-03		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>				
	Table of Contents 17/10/1997	0 . 0 . 4	<a href="#">get it</a>	<i>remarks - general:</i>	
	and Scope			<i>remarks - this release:</i> .	
	First complete 19/12/1997	1 . 0 . 0	<a href="#">get it</a>		
	WG approval 15/02/1997	2 . 0 . 0	<a href="#">get it</a>		
	SP-03 23/04/1999	3 . 0 . 1	<a href="#">get it</a>		withdrawn

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<b>TR 22.970</b>	<b>Virtual Home Environment Report</b>				
R99	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i> SP-03		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>				
	Table of Contents 19/10/1997	0 . 0 . 7	<a href="#">get it</a>	<i>remarks - general:</i>	
	and Scope			<i>remarks - this release:</i> .	
	First complete 19/12/1997	1 . 0 . 0	<a href="#">get it</a>		
	WG approval 15/02/1998	2 . 0 . 0	<a href="#">get it</a>		
	TB approval 20/03/1998	3 . 0 . 0	<a href="#">get it</a>		
	SP-03 23/04/1999	3 . 0 . 1	<a href="#">get it</a>		

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<b>TR 22.972</b>	<b>Circuit-switched multimedia</b>				
R99	<i>current version:</i> 0.0.0	DRAFT	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CLAYTON, Michael	ETSI Secretariat
	<i>freeze_meeting:</i> SP-06		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>				
	First complete 23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Title grows "cct sw".	
				<i>remarks - this release:</i> Withdrawn (Clayton 2000-02-11)	

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



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R99 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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<b>TS 23.010</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</b>					
R99	current version: 3.0.0	WG (prime / other): - / -	rapporteur: DETTNER, Harald	SIEMENS AG		
	freeze_meeting: SP-08	G: U: yes	MCC: ,			
history (event, available, version,	SP-03 30/05/1999 3 . 0 . 0	<a href="#">get it</a>	remarks - general: superseded by 23.910			
			remarks - this release: TSG#7:3.0.0 - later scrapped			
<hr/>						
<b>TS 23.022</b>	<b>Functions related to Mobile Station (MS) in idle mode and group receive mode</b>					
R99	current version: 3.1.0	WG (prime / other): - / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: SP-08	G: yes U: yes	Peter Skov			
history (event, available, version,	SP-03 23/04/1999 3 . 0 . 0	<a href="#">get it</a>	remarks - general: Superseded by 23.122			
	SP-04 23/06/1999 3 . 1 . 0	<a href="#">get it</a>	remarks - this release: 3.1.0 dates from June 99			
<hr/>						
<b>TS 23.043</b>	<b>Support of Videotex</b>					
R99	current version: 3.0.0	WG (prime / other): - / -	rapporteur: DETTNER, Harald	SIEMENS AG		
	freeze_meeting: SP-08	G: U: yes	MCC: ,			
history (event, available, version,	SP-03 30/05/1999 3 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: 3.0.0 Apr 99 - later scrapped			
<hr/>						
<b>TS 23.044</b>	<b>Support of Teletex</b>					
R99	current version: 3.0.0	WG (prime / other): - / -	rapporteur: DETTNER, Harald	SIEMENS AG		
	freeze_meeting: SP-08	G: U: yes	MCC: ,			
history (event, available, version,	SP-03 30/05/1999 3 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: 3.0.0 Apr 99 - later scrapped			

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<b>TS 23.045</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>								
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.					
	<i>freeze_meeting:</i> SP-08	<i>G:</i> U: yes	<i>MCC:</i> ,						
	<i>history (event, available, version,</i> SP-03 23/04/1999 3 . 0 . 0								
			<a href="#">get it</a>	<i>remarks - general:</i> Version 8.x.x exists					
				<i>remarks - this release:</i> 3.0.0 Apr 99 - reverts to 03.45 v8.0.0					
<hr/>									
<b>TS 23.046</b>	<b>Technical realisation of facsimile Group 3 service - non-transparent</b>								
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i>	<i>G:</i> U: yes	<i>MCC:</i> ,						
	<i>history (event, available, version,</i> SP-03 23/04/1999 3 . 0 . 0								
			<a href="#">get it</a>	<i>remarks - general:</i> superseded by 23.146					
				<i>remarks - this release:</i> 3.0.0 Apr 99					
<hr/>									
<b>TS 23.054</b>	<b>Shared Interworking Functions (SIWF); Stage 2</b>								
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> ROSTÖ, Tommy	TELIA AB					
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes U: yes	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i> NP-03 23/04/1999 3 . 0 . 0 NP-13: withdrawn								
			<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i> NP-13: withdrawn.					
<hr/>									
<b>TS 23.069</b>	<b>Voice Broadcast service (VBS); Stage 2</b>								
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG					
	<i>freeze_meeting:</i>	<i>G:</i> U: yes	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i> NP-03 23/04/1999 3 . 0 . 0								
			<a href="#">get it</a>	<i>remarks - general:</i> Reverts to 03.69 R99.					
				<i>remarks - this release:</i> 3.0.0 Apr 99 - Reverts to 03.69 R99.					
<hr/>									
<b>TS 23.070</b>	<b>Routeing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)</b>								
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> KOSYDAR, L	AT&T NSI					
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes U: yes	<i>MCC:</i> ,						
	<i>history (event, available, version,</i> SP-03 23/04/1999 3 . 0 . 0								
			<a href="#">get it</a>	<i>remarks - general:</i> N3 indicates not required for R99, so revert to 03.70 R98.					
				<i>remarks - this release:</i> withdrawn NP-06					

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<b>TS 23.071</b>	<b>Location services (LCS) stage 2</b>								
R99	<i>current version:</i> 3.0.0								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	SP-04 30/05/1999	3	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	superseded by 25.305
								<i>remarks - this release:</i>	.
<b>TS 23.073</b>	<b>Support of Localised Service Area (SoLSA); Stage 2</b>								
R99	<i>current version:</i> 3.0.1								
	<i>freeze_meeting:</i> SP-05								
	<i>history (event, available, version,</i>								
	NP-05 13/10/1999	3	.	0	.	0			
	edito 06/06/2000	3	.	0	.	1			
							<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.
							<a href="#">get it</a>	<i>remarks - this release:</i>	SP-16: reverts to 03.73 since applies to GERAN systems only.
<b>TS 23.920</b>	<b>Evolution of the GSM platform towards UMTS</b>								
R99	<i>current version:</i> 3.1.0								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	Table of Contents	17/10/1997	0	.	0	.	3		
	and Scope							<a href="#">get it</a>	<i>remarks - general:</i>
	Transfer to SP SA	04/03/1999	0	.	6	.	1		
	SP-03	23/04/1999	1	.	0	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> Stopped TSG#6
	WG approval	01/04/1999	1	.	0	.	0	<a href="#">get it</a>	
	First complete	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>	
<b>TR 23.922</b>	<b>Architecture for an All IP network</b>								
R99	<i>current version:</i> 1.0.0								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	TSG#5: 1.0.0
								<i>remarks - this release:</i>	Was suspected to be v3.0.0, but evidently not so. Sultan, Apr-2001: abandoned in early 2000; replaced by 23.228 and 23.221.

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

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<b>TR 23.927</b>	<b>VHE, Open Service Architecture (OSA)</b>								
R99	current version: 0.1.0	DRAFT	WG (prime / other): - / -	rapporteur: CLAYTON, Michael	ETSI Secretariat				
	freeze_meeting: SP-06		G: yes U: yes	MCC: ,					
	history (event, available, version,								
	First complete 23/04/1999	0 . 0 . 0							
	SP-03 23/04/1999	0 . 1 . 0	withdrawn	<a href="#">get it</a>	remarks - general: Replaced by 23.127				
				<a href="#">get it</a>	remarks - this release: Withdrawn (Clayton 2000-02-11).				
<hr/>									
<b>TR 23.960</b>	<b>Framework of network functions to support multimedia services</b>								
R99	current version: 0.1.0	DRAFT	WG (prime / other): - / -	rapporteur: GABE, Axel	SIEMENS AG				
	freeze_meeting:		G: yes U: yes	MCC: ,					
	history (event, available, version,								
	SP-03 23/04/1999	0 . 1 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release: .				
<hr/>									
<hr/>									
	R99	24 .- series	Server location:	<a href="http://www.3gpp.org/ftp/Specs/archive/24_series">http://www.3gpp.org/ftp/Specs/archive/24_series</a>					
<hr/>									
<b>TS 24.012</b>	<b>Short Message Service Cell Broadcast (SMS) Support on the Mobile Radio Interface</b>								
R99	current version: 3.0.0		WG (prime / other): G2 / N2	rapporteur: AL -BAKRI, Ban	MOTOROLA S.A.				
	freeze_meeting: SP-05		G: yes U: yes	MCC: THOMASEN, Gert					
	history (event, available, version,								
	SP-05 13/10/1999	3 . 0 . 0		<a href="#">get it</a>	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.				
<hr/>									
<b>TS 24.065</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND)CP)</b>								
R99	current version: 3.1.0		WG (prime / other): N1 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat				
	freeze_meeting: SP-12		G: U: yes	MCC: JORGENSEN, Per Johan					
	history (event, available, version,								
	NP-03 23/04/1999	3 . 0 . 0		<a href="#">get it</a>	remarks - general: Scrapped: is GSM only				
	NP-04 27/05/1999	3 . 1 . 0		<a href="#">get it</a>	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.				
<hr/>									

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

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<b>TS 24.068</b>	<b>Group Call Control (GCC) Protocol</b>				
R99	current version: 3.1.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting:	G: U: yes	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	NP-03	3 . 0 . 0			remarks - general: GSM only for R99.
	NP-04	3 . 1 . 0			remarks - this release: GSM only for R99.

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<b>TS 24.069</b>	<b>Broadcast Call Control (BCC) protocol</b>				
R99	current version: 3.1.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting:	G: U: yes	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	NP-03	3 . 0 . 0			remarks - general: GSM only for R99.
	NP-04	3 . 1 . 0			remarks - this release: GSM only for R99.

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<b>TS 24.094</b>	<b>Follow Me; Stage 3</b>				
R99	current version: none	WG (prime / other): - / -	rapporteur: BERGMANN, Ansgar	ETSI Secretariat	
	freeze_meeting:	G: U: yes	MCC: ,		
	history (event, available, version,				
					remarks - general: TF139 proposes to abandon; not needed. USSD does all.
					remarks - this release: USSD does all. No draft expected.

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R99 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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<b>TS 25.053</b>	<b>Tandem Free Operation (TFO); Service description; Stage 2</b>				
R99	current version: none	WG (prime / other): - / -	rapporteur: MEREDITH, John M	ETSI Secretariat	
	freeze_meeting:	G: yes U: yes	MCC: ,		
	history (event, available, version,				
					remarks - general: No draft. Anyway, should have been 23.053.
					remarks - this release: no draft ever materialised

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

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<b>TS 25.103</b>	<b>RF parameters in support of RRM</b>					
R99	current version: 2.0.0	DRAFT	WG (prime / other): - / -	rapporteur: FRANCESCHI, Olle	Nippon Ericsson K.K.	
	freeze_meeting: SP-06		G: yes U: yes	MCC: ,		
	history (event, available, version,					
	First complete 04/03/1999	0 . 0 . 0	<a href="#">get it</a>	remarks - general:	Withdrawn in favour of 25.123 & 25.133	
	NP-03 23/04/1999	0 . 1 . 0	<a href="#">get it</a>	remarks - this release:	Withdrawn	
	NP-04 23/06/1999	1 . 0 . 0	<a href="#">get it</a>			
	NP-05 13/10/1999	2 . 0 . 0	<a href="#">get it</a>			
<b>TR 25.923</b>	<b>Stage 2 Functional Specification of Location Services in UTRAN</b>					
R99	current version: 1.4.0	DRAFT	WG (prime / other): - / -	rapporteur: STEER, David G	NORTEL NETWORKS (EUROPE)	
	freeze_meeting:		G: U: yes	MCC: ,		
	history (event, available, version,					
	draft 30/04/1999	1 . 0 . 0	<a href="#">get it</a>	remarks - general:	superseded by 25.305	
	draft 01/09/1999	1 . 2 . 0	<a href="#">get it</a>	remarks - this release:	.	
	draft 30/09/1999	1 . 4 . 0	<a href="#">get it</a>			
<b>TR 25.926</b>	<b>UE Radio Access capabilities definition</b>					
R99	current version: 3.3.0		WG (prime / other): R2 / -	rapporteur: LUNDSJÖ, Johan	Ericsson AB	
	freeze_meeting: SP-07		G: U: yes	MCC: VAN DER VEEN, Hans		
	history (event, available, version,					
	RP-05 13/10/1999	0 . 0 . 0	<a href="#">get it</a>	remarks - general:	->25.306 Nov 00.	
	R2-08 30/11/1999	0 . 1 . 0	<a href="#">get it</a>	remarks - this release:	Nov00->25.306 but first ->TSG#10:3.3.0	
	R2-09 17/12/1999	1 . 0 . 0	<a href="#">get it</a>			
	RP-07 15/03/2000	3 . 0 . 0	<a href="#">get it</a>			
	RP-08 23/06/2000	3 . 1 . 0	<a href="#">get it</a>			
	RP-08 06/10/2000	3 . 2 . 0	<a href="#">get it</a>			
	RP-10 15/12/2000	3 . 3 . 0	<a href="#">get it</a>			
<b>TR 25.990</b>	<b>Vocabulary for UTRAN</b>					
R99	current version: 3.0.0		WG (prime / other): R4 / -	rapporteur: OKRAH, Peter	Motorola Inc.	
	freeze_meeting: SP-05		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar		
	history (event, available, version,					
	RP-03 23/04/1999	0 . 0 . 2	<a href="#">get it</a>	remarks - general:	->21.905	
	RP-04 23/06/1999	0 . 1 . 4	<a href="#">get it</a>	remarks - this release:	Will be withdrawn when 21.905 is updated with all the contents of this TR. RP-15; the update was done at RP-13, so this can now be withdrawn.	
	RP-05 13/10/1999	3 . 0 . 0	<a href="#">get it</a>			

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Server WITHDRAWN specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

R99 26 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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<b>TS 26.075</b>	<b>AMR speech Codec; Performance Characterization of the GSM AMR Speech Codec</b>								
R99	<i>current version:</i> 1.2.0	DRAFT	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-07		<i>G:</i> U: yes	<i>MCC:</i> ,					
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999	0 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Created TSG#6. Replaced by '975 at TSG#7.		
	SP-06 17/12/1999	1 . 0 . 0				<a href="#">get it</a>	<i>remarks - this release:</i> replaced by 26.975		
	SP-05 13/10/1999	1 . 0 . 0				<a href="#">get it</a>			
	SP-04 23/06/1999	1 . 0 . 0				<a href="#">get it</a>			
	Editorial 23/06/2000	1 . 2 . 0				<a href="#">get it</a>			
<hr/>									
<b>TS 26.112</b>	<b>Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements</b>								
R99	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation				
	<i>freeze_meeting:</i> SP-07		<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	SP-03 26/04/1999	1 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-04 23/06/1999	1 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>									
<b>TS 26.115</b>	<b>Echo control for speech and multi-media services</b>								
R99	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat				
	<i>freeze_meeting:</i> SP-07		<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	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.		
<hr/>									
<b>TS 26.121</b>	<b>Technical Specification for Tandem Free Operation within 3G networks</b>								
R99	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain	Cingular Wireless LLC				
	<i>freeze_meeting:</i> SP-08		<i>G:</i> U: yes	<i>MCC:</i> ,					
	<i>history (event, available, version,</i>								
							<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		

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[http://www.3gpp.org/ftp/Specs/archive/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	current version: none freeze_meeting: SP-07 history (event, available, version,	WG (prime / other): - / - G: U: yes	rapporteur: OHANA, Alain MCC: ,	Cingular Wireless LLC	remarks - general: remarks - this release: .
<b>TS 26.133</b>	<b>Wide band speech telephony terminal acoustic characteristics</b>	R99	current version: none freeze_meeting: history (event, available, version,	WG (prime / other): S4 / G: U: yes	rapporteur: BARRETT, Paul MCC: USAI, Paolino	Indicate persons who left Company and wait for new One	remarks - general: Stopped: Included in 26.131 & '132. remarks - this release: .
<b>TS 26.134</b>	<b>Wide band speech telephony terminal acoustic test specification</b>	R99	current version: none freeze_meeting: history (event, available, version,	WG (prime / other): S4 / G: U: yes	rapporteur: BARRETT, Paul MCC: USAI, Paolino	Indicate persons who left Company and wait for new One	remarks - general: Stopped: Included in 26.131 & '132. remarks - this release: .
<b>TS 26.135</b>	<b>Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony</b>	R99	current version: none freeze_meeting: history (event, available, version,	WG (prime / other): S4 / G: U: yes	rapporteur: USAI, Paolino MCC: USAI, Paolino	ETSI Secretariat	remarks - general: Stopped: Included in 26.131 & '132. remarks - this release: .
<b>TS 26.136</b>	<b>Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony</b>	R99	current version: none freeze_meeting: history (event, available, version,	WG (prime / other): S4 / G: U: yes	rapporteur: USAI, Paolino MCC: USAI, Paolino	ETSI Secretariat	remarks - general: Stopped: Included in 26.131 & '132. remarks - this release: .

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**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 ETSI Secretariat  
*freeze\_meeting:* *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
*remarks - general:* Stopped: Included in 26.131 & '132.  
*remarks - this release:* .

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**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 ETSI Secretariat  
*freeze\_meeting:* *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
*remarks - general:* Stopped: Included in 26.131 & '132.  
*remarks - this release:* .

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**TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G**  
R99 *current version:* 0.0.1 DRAFT *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
SP-04 23/06/1999 0 . 0 . 1 [get it](#) *remarks - this release:* No work, will never appear as 3.0.0 (Usai, Mar 2001) 2001-07:Usai: withdrawn.

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R99 **28** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

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**TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3**  
R99 *current version:* 3.0.0 *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-05 13/10/1999 3 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
*remarks - this release:* withdrawn from R99.

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R99 **29** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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<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> 3.0.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-08			<i>G:</i> U: yes	<i>MCC:</i>	,			
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999	3	.	0	.	0			
				<a href="#">get it</a>	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.04 R98.			
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 29.005</b>	<b>Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access</b>								
R99	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-08			<i>G:</i> U: yes	<i>MCC:</i>	,			
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999	3	.	0	.	0			
				<a href="#">get it</a>	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.05 R98.			
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 29.006</b>	<b>Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services</b>								
R99	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BRAUN, Achim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-03			<i>G:</i> yes U: yes	<i>MCC:</i>	,			
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999	3	.	0	.	0			
				<a href="#">get it</a>	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.06 R98.			
					<i>remarks - this release:</i>	withdrawn NP-06			

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R99 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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<b>TR 31.900</b>	<b>SIM/USIM internal and external interworking aspects</b>								
R99	<i>current version:</i> 3.2.0			<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> KALINER, Stefan	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> TP-12			<i>G:</i> U: yes	<i>MCC:</i>	DIETZE, Claus			
	<i>history (event, available, version,</i>								
	TP-11 05/04/2001	1	.	0	.	0			
				Thought to have been approved as	<a href="#">get it</a>	<i>remarks - general:</i>			
				3.0.0, but in fact was not! (JMM after		<i>remarks - this release:</i>	TP-16: withdrawn; only Rel-5 remains valid.		
				Sanders 2001-05-16)					
	TP-12	2	.	0	.	0			
	TP-12 06/07/2001	3	.	0	.	0			
	TP-13 12/10/2001	3	.	1	.	0			
	TP-15 28/03/2002	3	.	2	.	0			
				TP-16: withdrawn; only Rel-5 remains	<a href="#">get it</a>				
				valid.					

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R99 32 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.008 Subscriber and Equipment trace

R99 current version: none  
freeze\_meeting:  
history (event, available, version,

WG (prime / other): - / - rapporteur: SJÖBLOM, Kai NOKIA Corporation  
G: U: yes MCC: ,

remarks - general: Existence deduced from STF139 programme. But denied by Sjöblom.  
remarks - this release: Not to be produced.

## TS 32.106 3G Configuration Management

R99 current version: 3.0.1  
freeze\_meeting: SP-07  
history (event, available, version,

WG (prime / other): S5 / - rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson  
G: U: yes MCC: ZOICAS, Adrian

SP-05 13/10/1999 1 . 0 . 0 [get it](#) remarks - general: TSG#8: split into eight parts  
SP-06 17/12/1999 1 . 1 . 0 [get it](#) remarks - this release: SP-08: multipart split from parent 3.0.1  
SP-07 2 . 0 . 0  
SP-07 17/03/2000 3 . 0 . 0 [get it](#)  
Editorial 17/03/2000 3 . 0 . 1 withdrawn SP-08 [get it](#)

## TS 32.111 3G Fault Management

R99 current version: 3.2.0  
freeze\_meeting: SP-08  
history (event, available, version,

WG (prime / other): S5 / - rapporteur: CICCHITTO, Gaetano SIEMENS Information and Communication Networks  
G: U: yes MCC: ZOICAS, Adrian SpA

SP-05 13/10/1999 1 . 0 . 0 [get it](#) remarks - general: TSG#8: split into 4 parts  
SP-06 17/12/1999 1 . 1 . 0 [get it](#) remarks - this release: TSG#8: multipart split from parent 3.0.1  
SP-07 17/03/2000 3 . 0 . 0 [get it](#)  
Editorial 17/03/2000 3 . 0 . 1 [get it](#)  
SP-08: split into 23/06/2000 3 . 1 . 0 [get it](#)  
parts  
Formatting 18/07/2000 3 . 2 . 0 [get it](#)

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R99 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

<b>TR 33.900</b>	<b>Guide to 3G security</b>									
R99	current version: 1.2.0	DRAFT	WG (prime / other): S3 / -	rapporteur: BROOKSON, Charles	DTI - Department of Trade and Industry					
	freeze_meeting: SP-08		G: U: yes	MCC: POPE, Maurice						
	history (event, available, version, SP-08 23/06/2000	1 . 2 . 0								
			<a href="#">get it</a>	remarks - general:						
				remarks - this release:	New at TSG#6					
<b>TR 33.909</b>	<b>3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions</b>									
R99	current version: 3.0.0		WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc					
	freeze_meeting: SP-10		G: U: yes	MCC: POPE, Maurice						
	history (event, available, version, SP-10 16/01/2001	1 . 0 . 0								
	SP-10	3 . 0 . 0								
			<a href="#">get it</a>	remarks - general:	TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.					
				remarks - this release:	TSG#7: referred to in 33.908. Had been withdrawn, but reinstated at TSG#10. SA#13: 2001-09-23 withdrawn.					

R99 **35** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

<b>TR 35.205</b>	<b>3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b>									
R99	current version: Document 1: General	3.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael						
	VODAFONE Group Plc		G: U: yes	MCC: POPE, Maurice						
	freeze_meeting: SP-10									
	history (event, available, version, SP-10 09/05/2001	3 . 0 . 0								
			<a href="#">get it</a>	remarks - general:	ex SAGE					
				remarks - this release:	TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4					

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<b>TS 35.206</b>	<b>3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b>									
R99	<i>current version: Document 2: Algorithm specification</i>	3.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael			
VODAFONE Group Plc										
	<i>freeze_meeting:</i> SP-10		G:	U: yes		<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version,</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*;</b>									
R99	<i>current version: Document 3: Implementors' test data</i>	3.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael			
VODAFONE Group Plc										
	<i>freeze_meeting:</i> SP-10		G:	U: yes		<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version,</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*;</b>									
R99	<i>current version: Document 4: Design conformance test data</i>	3.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael			
VODAFONE Group Plc										
	<i>freeze_meeting:</i> SP-10		G:	U: yes		<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version,</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 35.209</b>	<b>3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;</b>									
R99	<i>current version: Document 5: Summary and results of design and evaluation</i>	3.0.0	<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,</i>									
	SP-11 3 . 0 . 0									
				<i>remarks - general:</i>			ex SAGE			
				<i>remarks - this release:</i>			This turns out to be a report, so -> 35.909.			

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## UMTS

UMTS 00 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

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<b>TR 00.01U</b>	<b>Work programme for the standarization of Universal Mobile Telecommunications System (UMTS)</b>				
UMTS	<i>current version:</i> 3.2.0		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> RAPELI, Juha	PHILIPS CONSUMER COMMUNICATION
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>				
	smg-03 18/11/1994	3 . 0 . 0		<i>remarks - general:</i>	
	smg-18 21/05/1996	3 . 1 . 0		<i>remarks - this release:</i> .	
	smg-19 04/09/1996	3 . 2 . 0			
<hr/>					
<b>TR 00.02U</b>	<b>Coordination guideline for SMG on UMTS with respect to ITU and European research programmes</b>				
UMTS	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> RAPELI, Juha	PHILIPS CONSUMER COMMUNICATION
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>				
	smg-05 23/08/1993	3 . 0 . 0		<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	

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UMTS 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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<b>TR 01.03U</b>	<b>UMTS system requirements</b>				
UMTS	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> SMG / -	<i>rapporteur:</i> RICHARDS, Derek	Megisto Systems Inc.
	<i>freeze_meeting:</i>		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	
	<i>history (event, available, version,</i>				
	ETSI publication 15/05/1996	3 . 1 . 0	withdrawn	<i>remarks - general:</i> ETSI ETR 291 withdrawn.	
				<i>remarks - this release:</i> ETSI ETR 291, withdrawn.	

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[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TS 01.04U Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS) (UMTS 01.04)**

UMTS *current version:* 3.0.0 *WG (prime / other):* / *rapporteur:* ,  
*freeze\_meeting:* G: yes U: MCC:  
*history (event, available, version,*  
smg-19 28/09/1996 3 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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**TR 01.05U System design methodology for the UMTS**

UMTS *current version:* 1.0.0 DRAFT *WG (prime / other):* SMG / - *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: MCC:  
*history (event, available, version,*  
draft 05/03/1997 1 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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UMTS 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.01U Framework for services to be supported by UMTS**

UMTS *current version:* 3.0.0 *WG (prime / other):* / *rapporteur:* ,  
*freeze\_meeting:* G: yes U: MCC:  
*history (event, available, version,*  
Suspended 10/04/1996 3 . 0 . 0 *remarks - general:*  
animation *remarks - this release:* .

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

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**TR 21.01U Overall requirements on the radio interface(s) of the UMTS**

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,*  
smg-22 13/06/1997 3 . 0 . 0 *remarks - general:*  
ETSI publication 28/11/1997 3 . 0 . 1 *remarks - this release:*

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

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

<b>TR 21.02U</b>	<b>High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept</b>								
UMTS	<i>current version:</i> 3.0.1			<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S		
	<i>freeze_meeting:</i>			<i>G:</i> U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-22 13/06/1997	3 . 0 . 0							<i>remarks - general:</i>
	ETSI publication 03/11/1998	3 . 0 . 1							<i>remarks - this release:</i>
<b>TS 21.04U</b>	<b>Requirements for the support of data services in UMTS</b>								
UMTS	<i>current version:</i> 1.0.0		DRAFT	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> HOLLEY, Kevin		mmO2 plc		
	<i>freeze_meeting:</i>			<i>G:</i> U:	<i>MCC:</i> ,				
	<i>history (event, available, version,</i>								
	draft 17/01/2000	1 . 0 . 0							<i>remarks - general:</i>
									<i>remarks - this release:</i> #26: 0.0.2 or perhaps as 1.0.0
<b>TR 21.06U</b>	<b>O&amp;M requirements for the UMTS</b>								
UMTS	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> WEICHSELBAUM, Steffen		Vodafone D2 GmbH		
	<i>freeze_meeting:</i>			<i>G:</i> U:	<i>MCC:</i> ,				
	<i>history (event, available, version,</i>								
	First complete 19/10/1997	1 . 0 . 0							<i>remarks - general:</i>
	Milestone 1 19/12/1997	1 . 1 . 2							<i>remarks - this release:</i>
	WG approval 17/02/1997	2 . 0 . 0							
	smg-25 20/03/1998	3 . 0 . 0							

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

<b>TS 22.00U</b>	<b>UMTS Phase 1</b>								
UMTS	<i>current version:</i> 1.3.0		DRAFT	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> VERRIER, David		France Telecom		
	<i>freeze_meeting:</i>			<i>G:</i> U:	<i>MCC:</i> ,				
	<i>history (event, available, version,</i>								
	smg-27	1 . 0 . 0							<i>remarks - general:</i>
	draft 24/11/1998	1 . 3 . 0							<i>remarks - this release:</i>

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

<b>TS 22.01U</b>	<b>Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles</b>				
UMTS	current version: 3.3.0	WG (prime / other): - / -	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)	
	freeze_meeting:	G: U:	MCC: ,		
	history (event, available, version,				remarks - general:
	smg-21 3 . 0 . 0				remarks - this release:
	smg-22 3 . 1 . 0				
	smg-24 3 . 2 . 1				
	smg-27 17/10/1998 3 . 3 . 0				
<b>TS 22.05U</b>	<b>Services and service capabilities</b>				
UMTS	current version: 3.1.0	WG (prime / other): - / -	rapporteur: PUGA PEREIRA, Emmanuel	France Telecom	
	freeze_meeting:	G: U:	MCC: ,		
	history (event, available, version,				remarks - general:
	smg-25 3 . 0 . 0				remarks - this release:
	smg-26 01/07/1998 3 . 1 . 0				
<b>TR 22.07U</b>	<b>UMTS terminal and smart card concepts</b>				
UMTS	current version: 3.1.1	WG (prime / other): - / -	rapporteur: SMOLANDER, Jouni	NOKIA Corporation	
	freeze_meeting:	G: yes U:	MCC: ,		
	history (event, available, version,				remarks - general:
	smg-25 3 . 0 . 0				remarks - this release:
	smg-27 3 . 1 . 0				
	edito 29/10/1998 3 . 1 . 1				
<b>TS 22.21U</b>	<b>Virtual Home Environment</b>				
UMTS	current version: none	WG (prime / other): - / -	rapporteur: OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited	
	freeze_meeting:	G: U:	MCC: ,		
	history (event, available, version,				remarks - general:
					remarks - this release: .
<b>TS 22.24U</b>	<b>Charging and Accounting Mechanism</b>				
UMTS	current version: 3.0.0	WG (prime / other): - / -	rapporteur: CHAMBERS, David	MOTOROLA Ltd	
	freeze_meeting:	G: U:	MCC: ,		
	history (event, available, version,				remarks - general:
	smg-25 28/05/1998 3 . 0 . 0				remarks - this release: #25: 3.0.0

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Server WITHDRAWN specs UMTS 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.25U Quality of Service (QoS) and network performance**

UMTS *current version:* 3.1.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-25 28/05/1998 3 . 1 . 0

*WG (prime / other):* - / - *rapporteur:* TIAINEN, Seppo  
*G:* *U:* *MCC:* ,

SONERA Corporation

*remarks - general:*  
*remarks - this release:* #25: 3.1.0

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**TS 22.29U Handover Requirements between UMTS and GSM or other RadioSystems**

UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* - / - *rapporteur:* COOPER, David  
*G:* *U:* *MCC:* ,

Telecom Modus Limited

*remarks - general:*  
*remarks - this release:* .

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**TS 22.30U Service requirements on security**

UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* *MCC:* ,

*remarks - general:*  
*remarks - this release:* .

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**TS 22.35U Service requirements on numbering, addressing and identities**

UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* *MCC:* ,

*remarks - general:*  
*remarks - this release:* .

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**TS 22.40U Charging, billing and accounting principles**

UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* *MCC:* ,

*remarks - general:*  
*remarks - this release:* .

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G = required in systems with GERAN acces; U = required in systems with UMTS

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<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>	,	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 22.50U</b>	<b>Subscriber and service profile requirements</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 22.55U</b>	<b>UMTS user identity modules</b>					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 22.60U</b>	<b>Mobile multimedia services including mobile Intranet and Internet services</b>					
UMTS	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i>	- / -	<i>rapporteur:</i>	AHNBERG, Tomas	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>	,	
	<i>history (event, available, version,</i>					
	smg-25 28/05/1998 3 . 0 . 0			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	#25: 3.0.0	
<hr/>						
<b>TS 22.70U</b>	<b>Virtual Home Environment</b>					
UMTS	<i>current version:</i> 3.0.0	<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>	,	
	<i>history (event, available, version,</i>					
	smg-25 28/05/2001 3 . 0 . 0			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	#25: 3.0.0	

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G = required in systems with GERAN acces; U = required in systems with UMTS

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[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

<b>TS 22.71U</b>	<b>Service aspects; Automatic Establishment of Roaming Relationships</b>				
UMTS	current version: 3.0.1	WG (prime / other): - / -	rapporteur:		
	freeze_meeting:	G: U:	MCC:	,	
	history (event, available, version,				remarks - general:
	smg-25 3 . 0 . 0				remarks - this release: #25: 3.0.0 #27: 3.0.1
	smg-27 17/10/1998 3 . 0 . 1				
<b>TS 22.72U</b>	<b>Real Time Multimedia in UMTS</b>				
UMTS	current version: none	WG (prime / other): - / -	rapporteur: FISCHER, Ralf	ROBERT BOSCH GmbH	
	freeze_meeting:	G: U:	MCC:	,	
	history (event, available, version,				remarks - general:
					remarks - this release: .
<b>TS 22.75U</b>	<b>Service aspects; Advanced addressing</b>				
UMTS	current version: 3.0.0	WG (prime / other): - / -	rapporteur: KLEIER, Stephan	Vodafone D2 GmbH	
	freeze_meeting:	G: U:	MCC:	,	
	history (event, available, version,				remarks - general:
	smg-25 2 . 0 . 0				remarks - this release: #25: 2.0.0 #27: 3.0.0
	smg-27 17/10/1998 3 . 0 . 0				
<b>TR 22.80U</b>	<b>UMTS Relationship to other Standards</b>				
UMTS	current version: 2.0.1 DRAFT	WG (prime / other): - / -	rapporteur: AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND	
	freeze_meeting:	G: U:	MCC:	,	
	history (event, available, version,				remarks - general:
	First complete 19/10/1997 1 . 0 . 2				remarks - this release: #24: 2.0.1
	WG approval 07/11/1997 2 . 0 . 0				
	Under TB change 20/03/1998 2 . 0 . 1				
	control.				
	Milestone 1 19/12/1997 2 . 0 . 1				

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<b>TR 22.80U</b>	<b>UMTS Relationship to other Standards</b>				
UMTS	current version: 2.0.1	DRAFT	WG (prime / other): - / -	rapporteur: AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND
	freeze_meeting:		G: U:	MCC: ,	
	history (event, available, version,				
	First complete 19/10/1997	1 . 0 . 2		remarks - general:	
	WG approval 07/11/1997	2 . 0 . 0		remarks - this release: #24: 2.0.1	
	Under TB change 20/03/1998	2 . 0 . 1			
	control.				
	Milestone 1 19/12/1997	2 . 0 . 1			

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UMTS **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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<b>TS 23.01U</b>	<b>UMTS Network principles</b>				
UMTS	current version: 3.0.0		WG (prime / other): - / -	rapporteur: OLSSON, Magnus	Telefon AB LM Ericsson
	freeze_meeting:		G: U:	MCC: ,	
	history (event, available, version,				
	smg-27 24/02/1999	3 . 0 . 0		remarks - general:	
				remarks - this release: #27: for info	

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<b>TS 23.05U</b>	<b>UMTS Network principles</b>				
UMTS	current version: none		WG (prime / other): - / -	rapporteur:	
	freeze_meeting:		G: U:	MCC: ,	
	history (event, available, version,				
				remarks - general:	
				remarks - this release: .	

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<b>TS 23.10U</b>	<b>UMTS Access Stratum; Services and Functions</b>				
UMTS	current version: 3.0.0		WG (prime / other): - / -	rapporteur: LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND
	freeze_meeting:		G: U:	MCC: ,	
	history (event, available, version,				
	smg-27 24/02/1999	3 . 0 . 0		remarks - general:	
				remarks - this release: #27: for info	

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[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.20U Evolution of the GSM platform towards UMTS**  
UMTS *current version:* 1.0.0 DRAFT  
*freeze\_meeting:*  
*history (event, available, version,* 1 . 0 . 0  
*smg-27*

*WG (prime / other):* S2 / - *rapporteur:* JARVIS, Andre  
*G:* *U:* *MCC:* SULTAN, Alain

Hutchison 3G UK Limited

*remarks - general:*  
*remarks - this release:* #27: for info

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**TS 23.40U UMTS Network Aspects; Relationship with UPT**  
UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

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**TS 23.50U UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment**  
UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

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**TS 23.60U UMTS Network Aspects; UMTS data organization**  
UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

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**TS 23.70U UMTS Network Aspects; UMTS operations and procedures**  
UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

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G = required in systems with GERAN acces; U = required in systems with UMTS

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**TS 23.80U UMTS Network Aspects; Signalling requirements for UMTS**

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other): / rapporteur: ,*  
*G: U: MCC:*

*remarks - general:*  
*remarks - this release: .*

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**TS 23.90U UMTS Network Aspects; Network performance requirements**

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other): / rapporteur: ,*  
*G: U: MCC:*

*remarks - general:*  
*remarks - this release: .*

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**TS 23.95U UMTS Network Aspects; Network functions relevant to satellites**

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other): / rapporteur: ,*  
*G: U: MCC:*

*remarks - general:*  
*remarks - this release: .*

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UMTS **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.05U UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems**

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other): / rapporteur: ,*  
*G: U: MCC:*

*remarks - general:*  
*remarks - this release: .*

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UMTS **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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Server WITHDRAWN specs UMTS 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.05U UMTS Radio Aspects; Multiplexing and multiple access**

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other): / rapporteur: ,*  
*G: U: MCC:*

*remarks - general:*  
*remarks - this release: .*

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**TS 25.10U UMTS Radio Aspects; Channel coding**

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other): / rapporteur: ,*  
*G: U: MCC:*

*remarks - general:*  
*remarks - this release: .*

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**TS 25.15U UMTS Radio Aspects; Modulation**

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other): / rapporteur: ,*  
*G: U: MCC:*

*remarks - general:*  
*remarks - this release: .*

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**TS 25.20U UMTS Radio Aspects; Transmission and reception**

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other): / rapporteur: ,*  
*G: U: yes MCC:*

*remarks - general:*  
*remarks - this release: .*

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UMTS **26** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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Server WITHDRAWN specs UMTS 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.15U Source coding aspects Aspects; Integration of audio visual coding into UMTS**  
UMTS *current version:* none *WG (prime / other):* / *rapporteur:* ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

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UMTS **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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**TR 27.00U Principles for handling of data services in the UMTS**  
UMTS *current version:* 1.2.1 DRAFT *WG (prime / other):* S5 / - *rapporteur:* GABE, Axel SIEMENS AG  
*freeze\_meeting:* G: U: MCC: ZOICAS, Adrian  
*history (event, available, version,*  
First complete 01/05/1996 1 . 2 . 1  
*remarks - general:*  
*remarks - this release:* .

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UMTS **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.00U SMG - UMTS Work programme**  
UMTS *current version:* 3.6.1 *WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.  
*freeze\_meeting:* G: U: MCC: ,  
*history (event, available, version,*  
smg-21 3 . 0 . 0 *remarks - general:*  
smg-22 3 . 1 . 0 *remarks - this release:* #21: 3.0.0 #22: 3.1.0 #23: 3.2.0 #24: 3.3.0 #25: 3.4.0 #26: 3.5.0 #27: 3.6.1  
smg-23 3 . 2 . 0  
smg-24 3 . 3 . 0  
smg-25 3 . 4 . 0  
smg-26 07/07/1998 3 . 5 . 0  
smg-27 3 . 6 . 1

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 30 .- series  
[http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.01U UMTS Baseline document: Collection of the SMG's positions on the UMTS**

UMTS *current version:* 3.5.1 *WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.  
*freeze\_meeting:* *G:* *U:* *MCC:* ,  
*history (event, available, version,*  
smg-22 3 . 0 . 0 *remarks - general:*  
smg-23 3 . 1 . 0 *remarks - this release:* #22: 3.0.0 #23: 3.1.0 #24: 3.2.0 #25: 3.3.0 #26: 3.4.0 #27: 3.5.1  
smg-24 3 . 2 . 0  
smg-25 07/07/1998 3 . 3 . 0  
smg-26 3 . 4 . 0  
smg-27 3 . 5 . 1

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**TR 30.02U Experience from GSM standardisation to be applied at UMTS standardisation**

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:*  
*freeze\_meeting:* *G:* *U:* *MCC:* ,  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

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**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 CIT  
*freeze\_meeting:* *G:* *U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
TC change control 13/06/1997 3 . 0 . 0 *remarks - general:*  
smg-23 17/10/1997 3 . 1 . 0 *remarks - this release:* #23: 3.1.0 #25: 3.2.0  
smg-25 20/03/1998 3 . 2 . 0

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**TR 30.04U Definition of the limited number of UTRA concepts**

UMTS *current version:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* *G:* *U:* *MCC:* Peter Skov  
*history (event, available, version,*  
First complete 01/06/1997 1 . 0 . 0 *remarks - general:*  
smg-22 14/06/1997 3 . 0 . 0 *remarks - this release:* #22: 3.0.0  
ETSI publication 03/11/1998 3 . 0 . 1

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G = required in systems with GERAN acces; U = required in systems with UMTS

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[http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.05U UMTS terminology**  
UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*  
WG (*prime / other*): - / - *rapporteur:*  
G: U: *MCC:* ,  
*remarks - general:*  
*remarks - this release:* .

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**TR 30.06U UTRA Concept Evaluation Reports**  
UMTS *current version:* 3.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
First complete 01/12/1997 1 . 0 . 0  
smg-24 15/12/1997 3 . 0 . 0  
WG (*prime / other*): GP / - *rapporteur:* USAI, Paolino ETSI Secretariat  
G: U: *MCC:* USAI, Paolino  
*remarks - general:*  
*remarks - this release:* #24: 3.0.0

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**TR 30.20U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS**  
UMTS *current version:* 3.1.0  
*freeze\_meeting:*  
*history (event, available, version,*  
Creation of WI by 13/06/1997 2 . 0 . 0  
WG/TB  
TB approval 30/08/1997 3 . 0 . 0  
smg-24 19/12/1997 3 . 1 . 0  
WG (*prime / other*): - / - *rapporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION  
G: U: *MCC:* ,  
*remarks - general:*  
*remarks - this release:* #24: 3.1.0

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UMTS **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TR 32.01U Overall principles of the OAM for the UMTS**  
UMTS *current version:* 1.0.0 DRAFT  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-22 1 . 0 . 0  
WG (*prime / other*): SMG / - *rapporteur:* SZELAZEK, Bill Hutchison 3G UK Limited  
G: U: yes *MCC:* SULTAN, Alain  
*remarks - general:*  
*remarks - this release:* No progress since SMG#22.

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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:* 3.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-19 13/06/1997 3 . 0 . 0

*WG (prime / other):* - / - *rapporteur:*  
*G:* *U:* *MCC:* ,

*remarks - general:*  
*remarks - this release:* #19: 3.0.0

## TS 33.21U Security requirements

UMTS *current version:* 3.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
draft 16/07/1998 0 . 1 . 0  
draft 22/07/1998 0 . 1 . 1  
draft 31/07/1998 0 . 1 . 2  
smg-27 31/07/1998 1 . 0 . 0  
draft 05/10/1998 1 . 0 . 1  
draft 19/10/1998 1 . 0 . 2  
draft 31/10/1998 1 . 0 . 3  
draft 20/11/1998 1 . 0 . 4  
draft 27/02/1999 1 . 1 . 0  
smg-28 27/02/1999 2 . 0 . 0  
smg-28 3 . 0 . 0  
smg-27 21/02/1999 3 . 0 . 0

*WG (prime / other):* - / - *rapporteur:*  
*G:* *U:* *MCC:* ,

*remarks - general:*  
*remarks - this release:* #27: for info

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.21U Security requirements

UMTS *current version: 3.0.0*

*freeze\_meeting:*

WG (prime / other): - / - rapporteur:

G: U: MCC: ,

*history (event, available, version,*

draft	16/07/1998	0	.	1	.	0
draft	22/07/1998	0	.	1	.	1
draft	31/07/1998	0	.	1	.	2
smg-27	31/07/1998	1	.	0	.	0
draft	05/10/1998	1	.	0	.	1
draft	19/10/1998	1	.	0	.	2
draft	31/10/1998	1	.	0	.	3
draft	20/11/1998	1	.	0	.	4
draft	27/02/1999	1	.	1	.	0
smg-28	27/02/1999	2	.	0	.	0
smg-28		3	.	0	.	0
smg-27	21/02/1999	3	.	0	.	0

*remarks - general:*

*remarks - this release: #27: for info*

## R98

R98

01 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TR 01.00 Working Procedures for SMG and PT SMG

R98 *current version: 7.2.0*

*freeze\_meeting:*

WG (prime / other): SP / - rapporteur: BERGMANN, Ansgar ETSI Secretariat

G: yes U: MCC: POPE, Maurice

*history (event, available, version,*

smg-27	16/10/1998	0	.	1	.	0
smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
smg-30	11/11/1999	7	.	2	.	0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

SP-15: withdrawn since SMG and PT-SMG no longer exist.

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Server WITHDRAWN specs R98 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

R98 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

**TS 02.38 SIM application toolkit (SAT); Stage 1**

R98 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S1 / SCP *rapporteur:* CARPENTER, Paul Lucent Technologies Network Systems UK  
*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:* 7.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
TP-09 withdrawn 04/10/2000 7 . 0 . 0

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*G: yes U:* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references  
*remarks - this release:* need identified 2000-03-29 TSG#9:withdrawn cos contains misleading information/references

R98 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**TS 04.33 Lawful interception; Stage 3**

R98 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* VAN DER AREND, KPN - Koninklijke PTT Nederland NV  
*G: yes U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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<b>TS 04.53</b>	<b>Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3</b>								
R98	current version: 1.6.0	DRAFT	WG (prime / other): - / -	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)				
	freeze_meeting:		G: yes U:	MCC: ,					
	history (event, available, version,								
	draft 14/03/1997	0 . 0 . 0		<a href="#">get it</a>	remarks - general: replaced by 08.62				
	draft 16/02/1998	1 . 0 . 0		<a href="#">get it</a>	remarks - this release: #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>					

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R98 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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<b>TR 10.57</b>	<b>Project scheduling and open issues: Mobile Station Execution Environment (MExE)</b>								
R98	current version: 7.0.0		WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	ETSI Secretariat				
	freeze_meeting:		G: yes U:	MCC: RODERMUND, Friedhelm					
	history (event, available, version,								
	smg-26 26/06/1998	7 . 0 . 0	withdrawn SP-09	<a href="#">get it</a>	remarks - general: TSG#9:withdrawn cos contains misleading information/references				
					remarks - this release: TSG#9:withdrawn cos contains misleading information/references				

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R98 10 .- series  
[http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

## TS 10.71 Project scheduling and open issues: Location services (LCS)

R98 current version: 7.0.0

freeze\_meeting:

WG (prime / other): S1 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)  
G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

Maui	17/01/1999	0	.	0	.	0
Maui	20/01/1999	0	.	0	.	1
Chicago	31/01/1999	0	.	0	.	2
Chicago	04/02/1999	1	.	0	.	0
Cambridge	10/06/1999	2	.	0	.	0
Dallas	09/07/1999	2	.	0	.	1
San Diego	21/07/1999	2	.	0	.	2
Dallas	03/09/1999	2	.	0	.	3
King of Prussia	14/09/1999	2	.	0	.	4
Phoenix &	30/10/1999	2	.	0	.	5
Clearwater						
Raleigh	03/11/1999	2	.	0	.	6
smg-30	11/11/1999	2	.	0	.	6
Phoenix	29/11/1999	2	.	0	.	7
smg-30 bis	06/12/1999	2	.	0	.	7
Colorado Spring	03/01/2000	2	.	0	.	8
Dallas	05/01/2000	2	.	0	.	9
smg-31	24/01/2001	2	.	1	.	0
Puerto Vallarta	26/01/2000	3	.	0	.	0
smg-29	25/06/1999	7	.	0	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #29: 7.0.0 #30: 2.0.6! #30b: 2.0.7 #31:2.1.0. 2001-01-24 Clayton: withdrawn.

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<b>TS 10.78</b>	<b>Project scheduling and open issues: CAMEL</b>					
R98	current version: 1.6.0	DRAFT	WG (prime / other): S2 / -	rapporteur: APRATH, Stefan	Vodafone D2 GmbH	
	freeze_meeting:		G: yes U:	MCC: SULTAN, Alain		
	history (event, available, version,					
	draft 08/02/1997	0 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	draft 24/03/1997	0 . 1 . 0	<a href="#">get it</a>	remarks - this release: 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

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<b>TS 10.78</b>	<b>Project scheduling and open issues: CAMEL</b>					
R98	current version: 1.6.0	DRAFT	WG (prime / other): S2 / -	rapporteur: APRATH, Stefan	Vodafone D2 GmbH	
	freeze_meeting:		G: yes U:	MCC: SULTAN, Alain		
	history (event, available, version,					
	draft 08/02/1997	0 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	draft 24/03/1997	0 . 1 . 0	<a href="#">get it</a>	remarks - this release: 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

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G = required in systems with GERAN acces; U = required in systems with UMTS

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**TR 10.87 User to User Signalling (UUS)**

R98 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S2 / GP *rapporteur:* CONRAD, Alan  
*G: yes U:* *MCC:* SULTAN, Alain

T-MOBILE DEUTSCHLAND

*remarks - general:*  
*remarks - this release:* No draft ever produced.

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**TR 10.94 Follow Me supplementary service**

R98 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* SP / - *rapporteur:* POSTMANN, Erwin  
*G: yes U:* *MCC:* POPE, Maurice

SIEMENS AG

*remarks - general:*  
*remarks - this release:* No draft ever produced.

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R98 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

R98 *current version: none*  
*freeze\_meeting:*

*WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia ETSI Secretariat  
NP /  
T2 /  
SCP  
/ G4

*G: yes U:* *MCC:* SALMERON, Lidia

*history (event, available, version,*

*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R98 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**  
R98 *current version: none* *freeze\_meeting:* WG (prime / other): G5 / S1 / NP / T2 / SCP / G4 *rapporteur:* SALMERON, Lidia ETSI Secretariat

G: yes U: MCC: SALMERON, Lidia

*history (event, available, version,*

*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

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**TS 11.10-4 Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification**  
R98 *current version: none* *freeze\_meeting:* WG (prime / other): G5 / G4, T3 *rapporteur:* SALMERON, Lidia ETSI Secretariat

G: yes U: MCC: SALMERON, Lidia

*history (event, available, version,*

*remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3.  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

## R97

R97 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TR 01.00 Working Procedures for SMG and PT SMG**  
R97 *current version: none* *freeze\_meeting:* WG (prime / other): SP / - *rapporteur:* BERGMANN, Ansgar ETSI Secretariat

G: yes U: MCC: POPE, Maurice

*history (event, available, version,*

*remarks - general:*  
*remarks - this release:* No spec this Release.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0**  
R97 *current version: none* *freeze\_meeting:* WG (prime / other): S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*history (event, available, version,* G: yes U: *MCC:* POPE, Maurice  
*remarks - general:*  
*remarks - this release:* No spec this version.

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R97 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1**  
R97 *current version: none* *freeze\_meeting:* WG (prime / other): S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*history (event, available, version,* G: yes U: *MCC:* POPE, Maurice  
*remarks - general:*  
*remarks - this release:* No spec this Release

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**TS 02.33 Lawful Interception (LI); Stage 1**  
R97 *current version: none* *freeze\_meeting:* WG (prime / other): S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*history (event, available, version,* G: yes U: *MCC:* POPE, Maurice  
*remarks - general:*  
*remarks - this release:* (No spec this Release)

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**TS 02.38 SIM application toolkit (SAT); Stage 1**  
R97 *current version: none* *freeze\_meeting:* WG (prime / other): S1 / SCP *rapporteur:* CARPENTER, Paul Lucent Technologies Network Systems UK  
*history (event, available, version,* G: yes U: *MCC:* CLAYTON, Michael  
*remarks - general:* Moved from T3 Jan-00.  
*remarks - this release:* Place holder - no spec.

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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: 6.0.0 WG (prime / other): N4 / SPA rapporteur: KYMALAINEN, Kimmo ETSI Secretariat  
freeze\_meeting: N / T2

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version, smg-27 16/10/1998 6 . 0 . 0

[get it](#) remarks - general:  
remarks - this release: #27: 6.0.0 (To be withdrawn)

## TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R97 current version: 6.0.0 WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited  
freeze\_meeting: G: yes U: MCC: RODERMUND, Friedhelm

history (event, available, version, smg-27 16/10/1998 6 . 0 . 0

[get it](#) remarks - general: TSG#9:withdrawn cos contains misleading information/references  
remarks - this release: #27: 6.0.0TSG#9:withdrawn cos contains misleading information/references

## TS 03.61 General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2

R97 current version: 0.7.1 DRAFT WG (prime / other): - / - rapporteur: NAPER, Hans Petter MOTOROLA GmbH  
freeze\_meeting: G: yes U: MCC: ,

history (event, available, version, draft 20/03/1998 0 . 7 . 1

[get it](#) remarks - general: Withdrawn since details included in the stage 3 spec.  
remarks - this release: .

## TS 03.62 General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 2

R97 current version: none WG (prime / other): - / - rapporteur: BAUMANN, Jürgen T-MOBILE DEUTSCHLAND  
freeze\_meeting: G: yes U: MCC: ,

history (event, available, version,

remarks - general:  
remarks - this release: .

R97 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.61 General Packet Radio Service (GPRS); Point-to-multipoint multicast; Stage 3**  
R97 *current version:* none *WG (prime / other):* / *rapporteur:* LESKE, John SCANDEW PTY Ltd  
*freeze\_meeting:* G: yes U: MCC:  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

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**TS 04.62 General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3**  
R97 *current version:* 0.2.0 DRAFT *WG (prime / other):* / *rapporteur:* LESKE, John SCANDEW PTY Ltd  
*freeze\_meeting:* G: yes U: MCC:  
*history (event, available, version,*  
Table of Contents 14/11/1996 0 . 2 . 0 [get it](#) *remarks - general:*  
and Scope *remarks - this release:* .

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R97 **05** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.21 DCS 1800; 4 Watt Mobile Power Class - study**  
R97 *current version:* none *WG (prime / other):* / *rapporteur:* TWINGLER, Jonas Northstream AB  
*freeze\_meeting:* G: yes U: MCC:  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

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R97 **08** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.64 GPRS support node - BSS protocol (SGSN\_BSS) interface; BSSGP layer 3**  
R97 *current version:* 1.0.0 DRAFT *WG (prime / other):* / *rapporteur:* LESKE, John SCANDEW PTY Ltd  
*freeze\_meeting:* G: yes U: MCC:  
*history (event, available, version,*  
First complete 15/07/1996 1 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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: 6.0.0 WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd  
freeze\_meeting: G: yes U: MCC: JORGENSEN, Per Johan  
history (event, available, version, smg-27 16/10/1998 6 . 0 . 0  
[get it](#) remarks - general:  
remarks - this release: #27: 6.0.0 #32: withdrawn

R97 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

**TR 10.01 GSM features and releases**

R97 current version: 0.0.2 DRAFT WG (prime / other): - / - rapporteur: ,  
freeze\_meeting: G: yes U: MCC: ,  
history (event, available, version, draft 23/10/1997 0 . 0 . 2  
[get it](#) remarks - general: 2001-11-20: stopped - obviously no interest!  
remarks - this release: .

**TR 10.17 General Packet Radio Service (GPRS); Charging in GPRS**

R97 current version: 1.0.0 DRAFT WG (prime / other): - / - rapporteur: HEATON, Graham Aether Systems Inc.  
freeze\_meeting: G: yes U: MCC: ,  
history (event, available, version, smg-25 20/03/1998 1 . 0 . 0  
[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: 6.0.0 WG (prime / other): S3 / - rapporteur: MCKIBBEN, Bernie MOTOROLA GmbH  
freeze\_meeting: G: yes U: MCC: POPE, Maurice  
history (event, available, version, smg-27 16/10/1998 6 . 0 . 0  
[get it](#) remarks - general: Replaced by 01.33.  
remarks - this release: SMG#27:6.0.0; replaced by 01.33

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 10 .- series  
[http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues**

R97 *current version:* 6.0.0

*freeze\_meeting:*

*history (event, available, version,*

*smg-25*

6 . 0 . 0

*WG (prime / other):* S2 / -

*G: yes U:*

*rapporteur:* PETERSEN, Johan

*MCC:* SULTAN, Alain

Apica Technologies

*remarks - general:*

*remarks - this release:*

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R97

11 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

R97 *current version:* none

*freeze\_meeting:*

*history (event, available, version,*

*WG (prime / other):* G5 / S1 /

NP /

T2 /

SCP

/ G4

*G: yes U:*

*MCC:* SALMERON, Lidia

*rapporteur:* SALMERON, Lidia

ETSI Secretariat

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

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**TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**

R97 *current version:* none

*freeze\_meeting:*

*history (event, available, version,*

*WG (prime / other):* G5 / S1 /

NP /

T2 /

SCP

/ G4

*G: yes U:*

*MCC:* SALMERON, Lidia

*rapporteur:* SALMERON, Lidia

ETSI Secretariat

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

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G = required in systems with GERAN acces; U = required in systems with UMTS



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Server WITHDRAWN specs R97 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-4 Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification**  
R97 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

WG (prime / other): G5 / G4, rapporteur: SALMERON, Lidia ETSI Secretariat  
T3  
G: yes U: MCC: SALMERON, Lidia

remarks - general: 2001-11-19: G4->G5. TP-14: may be txferred to T3.  
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

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**TS 11.56 CTS phase 1, CTS Fixed Part Tests**  
R97 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

WG (prime / other): - / - rapporteur: MATTISSON, Leif Telefon AB LM Ericsson  
G: yes U: MCC: ,

remarks - general:  
remarks - this release: .

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R97 **12** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.03 Security Management**  
R97 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

WG (prime / other): S5 / S1 / rapporteur: TRUSS, Michael MOTOROLA Ltd  
NP  
G: yes U: MCC: ZOICAS, Adrian

remarks - general:  
remarks - this release: No spec.

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**TS 12.04 Performance data measurements**  
R97 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

WG (prime / other): S5 / S1 / rapporteur: NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND  
NP  
G: yes U: MCC: ZOICAS, Adrian

remarks - general:  
remarks - this release: No spec

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G = required in systems with GERAN acces; U = required in systems with UMTS

## R96

R96 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

<p><b>TR 01.00</b> R96</p> <p><b>Working Procedures for SMG and PT SMG</b></p> <p><i>current version:</i> 5.2.0  <i>freeze_meeting:</i>  <i>history (event, available, version,</i>  smg-17 02/02/1996 5 . 0 . 0  smg-19 28/06/1996 5 . 1 . 0  smg-25 20/03/1998 5 . 2 . 0</p>	<p><b>SP / -</b></p> <p><i>WG (prime / other):</i> SP / -  <i>G: yes U:</i></p> <p><a href="#">get it</a> <i>remarks - general:</i>  <a href="#">get it</a> <i>remarks - this release:</i>  <a href="#">get it</a></p> <p>SP-15: withdrawn since SMG and PT-SMG no longer exist.</p>	<p><i>rapporteur:</i> BERGMANN, Ansgar  <i>MCC:</i> POPE, Maurice</p> <p>ETSI Secretariat</p>
<p><b>TR 01.31</b> R96</p> <p><b>Fraud Information Gathering System (FIGS); Service requirements; Stage 0</b></p> <p><i>current version:</i> 5.0.0  <i>freeze_meeting:</i>  <i>history (event, available, version,</i>  smg-23 17/10/1997 5 . 0 . 0</p>	<p><b>S3 / -</b></p> <p><i>WG (prime / other):</i> S3 / -  <i>G: yes U:</i></p> <p><a href="#">get it</a> <i>remarks - general:</i>  <i>remarks - this release:</i> #25: withdrawn</p>	<p><i>rapporteur:</i> WRIGHT, Tim  <i>MCC:</i> POPE, Maurice</p> <p>Indicate persons who left Company and wait for new One</p>
<p><b>TR 01.50</b> R96</p> <p><b>Radio Local Loop (RLL) using GSM</b></p> <p><i>current version:</i> 1.0.0  <i>freeze_meeting:</i>  <i>history (event, available, version,</i>  draft 07/11/1995 1 . 0 . 0</p>	<p><b>SMG /</b></p> <p><i>WG (prime / other):</i> SMG /  <i>G: yes U:</i></p> <p><a href="#">get it</a> <i>remarks - general:</i>  <i>remarks - this release:</i> .</p>	<p><i>rapporteur:</i> CLAYTON, Michael  <i>MCC:</i> CLAYTON, Michael</p> <p>ETSI Secretariat</p>
<p><b>TR 01.51</b> R96</p> <p><b>Dual mode of operation and roaming</b></p> <p><i>current version:</i> none  <i>freeze_meeting:</i> SP-11  <i>history (event, available, version,</i></p>	<p><b>SMG / -</b></p> <p><i>WG (prime / other):</i> SMG / -  <i>G: yes U:</i></p> <p><i>remarks - general:</i>  <i>remarks - this release:</i> .</p>	<p><i>rapporteur:</i> VACANT,  <i>MCC:</i> CLAYTON, Michael</p>

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements**  
R96 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* G: yes U: *MCC:* POPE, Maurice  
*history (event, available, version, smg-23* 5 . 0 . 0 SMG-25 withdrawn *remarks - general:*  
*remarks - this release:* #25: withdrawn

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**TS 01.78 Customized Applications for Mobile networks using Enhanced Logic (CAMEL); Stage 0**  
R96 *current version:* none *WG (prime / other):* / - *rapporteur:*  
*freeze\_meeting:* G: yes U: *MCC:*  
*history (event, available, version,* *remarks - general:*  
*remarks - this release:* .

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R96 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**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:* G: yes U: *MCC:*  
*history (event, available, version,* *remarks - general:*  
*remarks - this release:* .

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**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:* G: yes U: *MCC:*  
*history (event, available, version,* *remarks - general:*  
*remarks - this release:* .

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.26</b>	<b>Operation of multi-band GSM/DCS 1800 network by a single operator</b>					
R96	current version: none	WG (prime / other):	/	rapporteur:	LJUNGGREN, Tommy	Northstream AB
	freeze_meeting:	G: yes U:		MCC:		
	history (event, available, version,					
				remarks - general:		
				remarks - this release:		
<b>TS 02.27</b>	<b>DECT access to GSM networks</b>					
R96	current version: none	WG (prime / other):	/	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND
	freeze_meeting:	G: yes U:		MCC:		
	history (event, available, version,					
				remarks - general:		
				remarks - this release:		
<b>TS 02.28</b>	<b>UPT phase 1</b>					
R96	current version: none	WG (prime / other):	/	rapporteur:	KOSYDAR, L	AT&T NSI
	freeze_meeting:	G: yes U:		MCC:		
	history (event, available, version,					
				remarks - general:		
				remarks - this release:		
<b>TS 02.29</b>	<b>Inter operation with UPT phase 2</b>					
R96	current version: none	WG (prime / other):	/	rapporteur:	TÖPFER, Armin	Vodafone D2 GmbH
	freeze_meeting:	G: yes U:		MCC:		
	history (event, available, version,					
				remarks - general:		
				remarks - this release:		
<b>TS 02.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other):	S3 /	rapporteur:	WRIGHT, Tim	Indicate persons who left Company and wait for new One
	freeze_meeting:	G: yes U:		MCC:	POPE, Maurice	
	history (event, available, version,					
	draft 13/05/1997	1 . 0 . 0		remarks - general:		
	draft 01/10/1997	2 . 0 . 0	<a href="#">get it</a>	remarks - this release:	#23: 5.0.0 #26:5.0.0 withdrawn	
	smg-23 17/10/1997	5 . 0 . 0	<a href="#">get it</a>			
		withdrawn				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.33</b>	<b>Lawful Interception (LI); Stage 1</b>					
R96	current version: 5.0.0		WG (prime / other): S3 /	rapporteur: MCKIBBEN, Bernie	MOTOROLA GmbH	
	freeze_meeting:		G: yes U:	MCC: POPE, Maurice		
	history (event, available, version,			remarks - general:		
	smg-19	1 . 0 . 0		remarks - this release:		
	smg-20	2 . 0 . 0				
	smg-20 11/10/1996	5 . 0 . 0	withdrawn SMG-25	<a href="#">get it</a>		
<b>TS 02.35</b>	<b>Universal access to freephone numbers; Stage 1</b>					
R96	current version: none		WG (prime / other): /	rapporteur: COX, Alan	VODAFONE Group Plc	
	freeze_meeting:		G: yes U:	MCC:		
	history (event, available, version,			remarks - general:		
				remarks - this release: .		
<b>TS 02.36</b>	<b>Premium rate services; Stage 1</b>					
R96	current version: none		WG (prime / other): /	rapporteur: TÖPFER, Armin	Vodafone D2 GmbH	
	freeze_meeting:		G: yes U:	MCC:		
	history (event, available, version,			remarks - general:		
				remarks - this release: .		
<b>TS 02.37</b>	<b>ISDN based DECT/GSM Interworking</b>					
R96	current version: none		WG (prime / other): /	rapporteur: BERGMANN, Ansgar	ETSI Secretariat	
	freeze_meeting:		G: yes U:	MCC:		
	history (event, available, version,			remarks - general:		
				remarks - this release: .		
<b>TS 02.38</b>	<b>SIM application toolkit (SAT); Stage 1</b>					
R96	current version: 1.0.0	DRAFT	WG (prime / other): S1 / SCP	rapporteur: CARPENTER, Paul	Lucent Technologies Network Systems UK	
	freeze_meeting:		G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,			remarks - general: Moved from T3 Jan-00.		
	smg-29	1 . 0 . 0		remarks - this release:		

G = required in systems with GERAN acces; U = required in systems with UMTS

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[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.53</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>					
R96	current version: 5.1.0	WG (prime / other): S4 /	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-23 5 . 0 . 0				remarks - general: SMG11->S4 at SMG#30	
	smg-24 5 . 1 . 0				remarks - this release:	withdrawn SMG-25
<b>TS 02.60</b>	<b>General Packet Radio Service Stage 1 Description</b>					
R96	current version: 5.2.0	WG (prime / other): S1 / -	rapporteur: CARPENTER, Paul	Lucent Technologies Network Systems UK		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-21 14/02/1997 5 . 0 . 0	<a href="#">get it</a>			remarks - general:	
	smg-23 17/10/1997 5 . 1 . 0	<a href="#">get it</a>			remarks - this release: #21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: withdrawn	
	smg-24 19/12/1997 5 . 2 . 0	<a href="#">get it</a>				
<b>TS 02.66</b>	<b>Support of Mobile Number Portability (MNP); Service description; Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other): S1 / -	rapporteur: VACANT,			
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-24 19/12/1997 5 . 0 . 0	<a href="#">get it</a>			remarks - general:	
					remarks - this release: #24: 5.0.0 @25: withdrawn	
<b>TS 02.72</b>	<b>Call Deflection Service description, Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other): S1 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-19 28/06/1996 5 . 0 . 0	<a href="#">get it</a>			remarks - general:	
					remarks - this release: #19: 5.0.0 #25: withdrawn	
<b>TS 02.73</b>	<b>Malicious Call Identification (MCID) - stage 1</b>					
R96	current version: none	WG (prime / other): /	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes U:	MCC:			
	history (event, available, version,					
					remarks - general:	
					remarks - this release: .	

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<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>	<i>G: yes U:</i>		<i>MCC:</i>		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
<b>TS 02.87</b>	<b>User-to-User Signalling (UUS) Service Description; Stage 1</b>					
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CONRAD, Alan	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
	smg-18 12/04/1996	5 . 0 . 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-20 11/10/1996	5 . 1 . 0	<a href="#">get it</a>			
	smg-21 14/02/1997	5 . 2 . 0	<a href="#">get it</a>			
	edito 19/01/1996	5 . 2 . 1	<a href="#">get it</a>			
	smg-23 17/10/1997	5 . 3 . 0	<a href="#">get it</a>			
<hr/>						
<b>TS 02.92</b>	<b>Call Forward Enhancements (CFE) - Stage 1 description</b>					
R96	<i>current version:</i> none	<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	RENAUD, Nicolas	GEMPLUS Card International
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
<b>TS 02.93</b>	<b>Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1</b>					
R96	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	ETSI Secretariat
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
	smg-16	5 . 0 . 0		<i>remarks - this release:</i>	#16: 5.0.0 #19: 5.1.0 #20: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0 #25: withdrawn	
	smg-19	5 . 1 . 0				
	smg-20	5 . 2 . 0				
	smg-22	5 . 3 . 0				
	smg-23	5 . 4 . 0				
	smg-24	5 . 5 . 0				

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**TS 02.96 Name Identification Supplementary Services; Stage 1**

R96 *current version:* 5.0.0

*freeze\_meeting:*

*history (event, available, version, smg-24*

5 . 0 . 0

*WG (prime / other):* S1 / -

*G: yes U:*

*rapporteur:* GARAPATY, Sonia

*MCC:* CLAYTON, Michael

Nortel Networks (USA)

*remarks - general:*

*remarks - this release:* #24: 5.0.0 #25: withdrawn

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**TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1**

R96 *current version:* 5.2.0

*freeze\_meeting:*

*history (event, available, version,*

smg-19 28/06/1996 5 . 0 . 0

smg-22 13/06/1997 5 . 1 . 0

ETSI publication 15/09/1997 5 . 1 . 1

smg-23 17/10/1997 5 . 2 . 0

*WG (prime / other):* S1 / -

*G: yes U:*

*rapporteur:* CLAYTON, Michael

*MCC:* CLAYTON, Michael

ETSI Secretariat

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:* #19: 5.0.0 #22: 5.1.0 #23: 5.2.0 #25: withdrawn

[get it](#)

[get it](#)

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**TS 02.98 New barring services; Stage 1**

R96 *current version:* none

*freeze\_meeting:*

*history (event, available, version,*

*WG (prime / other):* /

*G: yes U:*

*rapporteur:* SCHMIDT, Günter

*MCC:*

DETEMOBIL GMBH

*remarks - general:*

*remarks - this release:* .

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**TS 02.99 Direct Subscriber Access and Restriction (DSAR); Stage1**

R96 *current version:* none

*freeze\_meeting:*

*history (event, available, version,*

*WG (prime / other):* /

*G: yes U:*

*rapporteur:* CHAPMAN, Neil

*MCC:*

ORANGE PCS LTD

*remarks - general:*

*remarks - this release:* .

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03 .- series

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<b>TS 03.04</b>	<b>Signalling Requirements Relating to Routing of Calls to Mobile Subscribers</b>								
R96	current version: 5.0.0 freeze_meeting:		WG (prime / other): N4 / SPA N / T2	rapporteur: KYMALAINEN, Kimmo	ETSI Secretariat				
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0		G: yes U:	MCC: KYMALAINEN, Kimmo				<a href="#">get it</a>	remarks - general: remarks - this release: #20: 5.0.0 (To be withdrawn)
<b>TS 03.17</b>	<b>Technical realization of Exchange of Network Capabilities Information (ENCI); Stage 2</b>								
R96	current version: 0.4.0 freeze_meeting:	DRAFT	WG (prime / other): /	rapporteur: APRATH, Stefan	Vodafone D2 GmbH				
	history (event, available, version, Table of Contents 01/09/1996 0 . 4 . 0 and Scope		G: yes U:	MCC:				<a href="#">get it</a>	remarks - general: remarks - this release: .
<b>TS 03.36</b>	<b>Premium rate services - stage 2</b>								
R96	current version: none freeze_meeting:		WG (prime / other): /	rapporteur: TÖPFER, Armin	Vodafone D2 GmbH				
	history (event, available, version,		G: yes U:	MCC:					remarks - general: remarks - this release: .
<b>TR 03.39</b>	<b>Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)</b>								
R96	current version: 5.0.0 freeze_meeting:		WG (prime / other): T2 / -	rapporteur: HARRIS, Ian	Teleca Limited				
	history (event, available, version, TP-09 (Withdrawn) 28/09/2000 5 . 0 . 0 smg-20 11/10/1996 5 . 0 . 0		G: yes U:	MCC: RODERMUND, Friedhelm				<a href="#">get it</a> <a href="#">get it</a>	remarks - general: TSG#9:withdrawn cos contains misleading information/references remarks - this release: #20: 5.0.0TSG#9:withdrawn cos contains misleading information/references
<b>TR 03.39</b>	<b>Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)</b>								
R96	current version: 5.0.0 freeze_meeting:		WG (prime / other): T2 / -	rapporteur: HARRIS, Ian	Teleca Limited				
	history (event, available, version, TP-09 (Withdrawn) 28/09/2000 5 . 0 . 0 smg-20 11/10/1996 5 . 0 . 0		G: yes U:	MCC: RODERMUND, Friedhelm				<a href="#">get it</a> <a href="#">get it</a>	remarks - general: TSG#9:withdrawn cos contains misleading information/references remarks - this release: #20: 5.0.0TSG#9:withdrawn cos contains misleading information/references

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<b>TS 03.60</b>	<b>General Packet Radio Service (GPRS) Service description; Stage 2</b>					
R96	current version: 5.3.0	WG (prime / other): S2 / -	rapporteur: DELECKI, Andrew	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: SULTAN, Alain			
	history (event, available, version,					
	smg-23 5 . 0 . 0				remarks - general:	
	smg-24 5 . 1 . 0				remarks - this release: .	
	smg-25 5 . 2 . 0					
	5 . 3 . 0 withdrawn, SMG-25					
<b>TS 03.64</b>	<b>General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2</b>					
R96	current version: 5.2.0	WG (prime / other): G1 / -	rapporteur: LEPPISAARI, Arto	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-23 5 . 1 . 0				remarks - general:	
	smg-24 5 . 2 . 0				remarks - this release: .	
	withdrawn SMG-25					
<b>TS 03.94</b>	<b>Follow Me Service description; Stage 2</b>					
R96	current version: none	WG (prime / other): - / -	rapporteur: VAN DER AREND,	KPN - Koninklijke PTT	Nederland NV	
	freeze_meeting:	G: yes U:	MCC: ,			
	history (event, available, version,					
					remarks - general:	
					remarks - this release: .	
<b>TS 03.95</b>	<b>Support of Private Numbering Plan (SPNP); Stage 2</b>					
R96	current version: none	WG (prime / other): /	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes U:	MCC:			
	history (event, available, version,					
					remarks - general:	
					remarks - this release: Scrapped Jan 98.	
<b>TS 03.98</b>	<b>New barring services; Stage 2 description</b>					
R96	current version: none	WG (prime / other): - /	rapporteur: VAN DER AREND,	KPN - Koninklijke PTT	Nederland NV	
	freeze_meeting:	G: yes U:	MCC: ,			
	history (event, available, version,					
					remarks - general:	
					remarks - this release: .	

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**TS 03.99 Direct Subscriber Access and Restriction (DSAR); Stage 2**

R96 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* - / *rapporteur:* VAN DER AREND,  
*G: yes U:* *MCC:* ,

KPN - Koninklijke PTT

Nederland NV

*remarks - general:*  
*remarks - this release:* .

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R96 **04 .- series** Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.36 Premium rate services - stage 3**

R96 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* TÖPFER, Armin  
*G: yes U:* *MCC:*

Vodafone D2 GmbH

*remarks - general:*  
*remarks - this release:* .

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**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:* 5.1.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-23 17/10/1997 5 . 0 . 0  
smg-24 19/12/1997 5 . 1 . 0

*WG (prime / other):* N1 / - *rapporteur:* SALKINTZIS, Apostolis MOTOROLA GmbH  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #25: withdrawn

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**TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)**

R96 *current version:* 5.1.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-23 17/10/1997 5 . 0 . 0  
smg-24 19/12/1997 5 . 1 . 0

*WG (prime / other):* N1 / - *rapporteur:* SALKINTZIS, Apostolis MOTOROLA GmbH  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.  
[get it](#) *remarks - this release:* #25: withdrawn

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<b>TS 04.70</b>	<b>Payphone services - stage 3</b>						
R96	<i>current version: none</i>						
	<i>freeze_meeting:</i>						
	<i>history (event, available, version,</i>						
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	CLAYTON, Michael	ETSI Secretariat	
		<i>G: yes U:</i>		<i>MCC:</i>			
							<i>remarks - general:</i>
							<i>remarks - this release: .</i>
<b>TS 04.73</b>	<b>Malicious Call Identification (MCID); Stage 3</b>						
R96	<i>current version: none</i>						
	<i>freeze_meeting:</i>						
	<i>history (event, available, version,</i>						
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	VAN DER AREND,	KPN - Koninklijke PTT	Nederland NV
		<i>G: yes U:</i>		<i>MCC:</i>			
							<i>remarks - general:</i>
							<i>remarks - this release: .</i>
<b>TS 04.78</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 3</b>						
R96	<i>current version: none</i>						
	<i>freeze_meeting:</i>						
	<i>history (event, available, version,</i>						
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	VAN DER AREND,	KPN - Koninklijke PTT	Nederland NV
		<i>G: yes U:</i>		<i>MCC:</i>			
							<i>remarks - general:</i>
							<i>remarks - this release: .</i>
<b>TS 04.79</b>	<b>Support of optimal routing; Stage 3</b>						
R96	<i>current version: none</i>						
	<i>freeze_meeting:</i>						
	<i>history (event, available, version,</i>						
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	VAN DER AREND,	KPN - Koninklijke PTT	Nederland NV
		<i>G: yes U:</i>		<i>MCC:</i>			
							<i>remarks - general:</i>
							<i>remarks - this release: .</i>
<b>TS 04.98</b>	<b>New barring services; Stage 3</b>						
R96	<i>current version: none</i>						
	<i>freeze_meeting:</i>						
	<i>history (event, available, version,</i>						
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	VAN DER AREND,	KPN - Koninklijke PTT	Nederland NV
		<i>G: yes U:</i>		<i>MCC:</i>			
							<i>remarks - general:</i>
							<i>remarks - this release: .</i>

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**TS 04.99 Direct subscriber access and restriction; Stage 3**

R96 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* /  
G: yes U:

*rapporteur:* VAN DER AREND,  
*MCC:*

KPN - Koninklijke PTT

Nederland NV

*remarks - general:*  
*remarks - this release:* .

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05 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.00 Service to GSM handportables in trains**

R96 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* - /  
G: yes U:

*rapporteur:* VOSKAR, Paul  
*MCC:* ,

NOKIA UK Ltd

*remarks - general:*  
*remarks - this release:* .

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**TS 05.18 Hands free mobile station**

R96 *current version: none*  
*freeze\_meeting:*

*WG (prime / other):* /  
G: yes U:

*rapporteur:* ANDERSEN, Niels  
Peter Skov  
*MCC:*

MOTOROLA A/S

*remarks - general:*  
*remarks - this release:* .

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**TS 05.19 Service to GSM handportables in trains**

R96 *current version: none*  
*freeze\_meeting:*

*WG (prime / other):* /  
G: yes U:

*rapporteur:* WILTSHIRE, Timothy  
Robin  
*MCC:*

AT&T NS(UK)Ltd

*remarks - general:*  
*remarks - this release:* .

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**TR 05.20 Fast moving Mobile Station (study)**

R96 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* /  
G: yes U:

*rapporteur:* REINER, Michaël  
*MCC:*

AEG Mobile Communications GmbH (AMC)

*remarks - general:*  
*remarks - this release:* .

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**TS 05.30 General packet radio service requirements**

R96 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* /  
G: yes U:

*rapporteur:* CONRAD, Alan  
*MCC:*

T-MOBILE DEUTSCHLAND

*remarks - general:*  
*remarks - this release:* .

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R96 **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TS 07.57 Mobile Station Application Execution Environment (MExE); Stage 3**

R96 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* /  
G: yes U:

*rapporteur:* CANDISH, John  
*MCC:*

Xtempus Ltd

*remarks - general:*  
*remarks - this release:* .

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R96 **08** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.16 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**  
R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version, smg-24 19/12/1997 5 . 0 . 0 SMG-25: withdrawn* [get it](#) *remarks - general:*  
*remarks - this release:* .

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R96 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.12 Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling**  
R96 *current version:* 5.3.1 *WG (prime / other):* SPA / N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB  
*freeze\_meeting:* G: yes U: MCC:  
*history (event, available, version, draft (ETSI TC 10/11/1997 5 . 2 . 1* [get it](#) *remarks - general:* EN 300 646  
*draft (ETSI TC 18/05/1999 5 . 3 . 0* [get it](#) *remarks - this release:* .  
*SPS1 approval 21/05/1999 5 . 3 . 1* [get it](#)

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**TS 09.20 Support of Shared Data Interworking Function**  
R96 *current version:* none *WG (prime / other):* / *rapporteur:*  
*freeze\_meeting:* G: yes U: MCC:  
*history (event, available, version,* *remarks - general:*  
*remarks - this release:* .

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**TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface**  
R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* YOUNG, Michael MOTOROLA Ltd  
*freeze\_meeting:* G: yes U: MCC: KYMALAINEN, Kimmo  
*history (event, available, version, smg-24 19/12/1997 5 . 0 . 0* [get it](#) *remarks - general:*  
*remarks - this release:* #24: 5.0.0 #25: withdrawn

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Server WITHDRAWN specs R96 10 .- series  
[http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

R96 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

## TR 10.20 Lawful Interception requirements for GSM

R96 *current version:* 5.0.1 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:* Replaced by 01.33.  
ETSI publication 20/01/1997 5 . 0 . 1 [get it](#) *remarks - this release:* SMG#20:5.0.0

## TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues

R96 *current version:* 5.4.2 *WG (prime / other):* S2 / - *rapporteur:* PETERSEN, Johan Apica Technologies  
*freeze\_meeting:* *G: yes U:* *MCC:* SULTAN, Alain  
*history (event, available, version,*  
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:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* TARAZI, Roger EDP Telecom  
*freeze\_meeting:* *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-21 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

G = required in systems with GERAN acces; U = required in systems with UMTS



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Server WITHDRAWN specs R96 10 .- series  
[http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**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:* 5.0.0 *WG (prime / other):* S2 / - *rapporteur:* VAN DER AREND, KPN - Koninklijke PTT Nederland NV  
*freeze\_meeting:* *G:* yes *U:* *MCC:* SULTAN, Alain  
*history (event, available, version, smg-21)* 5 . 0 . 0 abandoned *remarks - general:*  
*remarks - this release:* May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.

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R96 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**  
R96 *current version:* none *WG (prime / other):* G5 / S1 / NP / T2 / SCP / G4 *rapporteur:* SALMERON, Lidia ETSI Secretariat  
*freeze\_meeting:*  
*G:* yes *U:* *MCC:* SALMERON, Lidia  
*history (event, available, version,*  
*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

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**TS 11.12 Specification on the 3 Volt subscriber identity module Equipment (SIM-ME) Interface**  
R96 *current version:* 5.0.0 *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA MOBILE PHONES  
*freeze\_meeting:* *G:* yes *U:* *MCC:* DIETZE, Claus  
*history (event, available, version,* 25/01/1996 5 . 0 . 0 SMG-16: withdrawn [get it](#) *remarks - general:*  
*remarks - this release:* #16: 5.0.0 withdrawn

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R96 **12** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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Server WITHDRAWN specs R96 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.03 Security Management**

R96  
*current version: none*  
*freeze\_meeting:*

*WG (prime / other):* S5 / S1 /  
NP

*G: yes U:* *rapporteur:* TRUSS, Michael  
*MCC:* ZOICAS, Adrian

MOTOROLA Ltd

*history (event, available, version,*

*remarks - general:*  
*remarks - this release:* No spec.

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**TS 12.04 Performance data measurements**

R96  
*current version: none*  
*freeze\_meeting:*

*WG (prime / other):* S5 / S1 /  
NP

*G: yes U:* *rapporteur:* NENNER, Karl-Heinz  
*MCC:* ZOICAS, Adrian

T-MOBILE DEUTSCHLAND

*history (event, available, version,*

*remarks - general:*  
*remarks - this release:* No spec.

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## Ph2

Ph2

01 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TR 01.05 Definitions**

Ph2  
*current version: none*  
*freeze\_meeting:*

*WG (prime / other):* SP / -

*G: yes U:* *rapporteur:* VACANT,  
*MCC:* POPE, Maurice

*history (event, available, version,*

*remarks - general:*  
*remarks - this release:* n.a.

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph2 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**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:*  
*history (event, available, version,* *remarks - general:*  
*remarks - this release:* .

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**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:*  
*history (event, available, version,* *remarks - general:*  
*remarks - this release:* .

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Ph2 **02** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.08 Quality of Service (QoS) / GSM system performance**  
Ph2 *current version:* 4.0.0 *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB  
*freeze\_meeting:* G: yes U: *MCC:* ,  
*history (event, available, version,* [get it](#) *remarks - general:*  
01/06/1994 4 . 0 . 0 *remarks - this release:* #16: withdrawn

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Ph2 **03** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**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:* 4.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* G: yes U: *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,* [get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references  
smg-16 20/10/1995 4 . 0 . 0 *remarks - this release:* #16: 4.0.0 TSG#9:withdrawn cos contains misleading information/references

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Server WITHDRAWN specs Ph2 03 .- series  
[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:* 4.2.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
ETSI publication 13/09/1994 4 . 1 . 2 [get it](#) *remarks - general:*  
ETSI OAP 06/03/1995 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #13: 4.2.0 #15: withdrawn  
ETSI publication 01/08/1995 4 . 2 . 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 08.59 BSC-BTS O&M Signalling Transport**

Ph2 *current version:* none *WG (prime / other):* GP / - *rapporteur:* VACANT, USAI, Paolino  
*freeze\_meeting:* *G: yes U:* *MCC:*  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:*

Ph2 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](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:*  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

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Server WITHDRAWN specs Ph2 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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Ph2 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.16 Conformity Specifications for Transparent Facsimile Group 3 Adaptors**

Ph2 *current version:* none *WG (prime / other):* / *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* *G: yes U:* *MCC:*  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

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**TS 11.25 The GSM Base Station System (BSS) Equipment specification Half-rate speech**

Ph2 *current version:* none *WG (prime / other):* G3 / - *rapporteur:* VACANT,  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* (no such spec)

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## Ph1

Ph1 00 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

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**TR 00.02 Voice group call service study (UIC project)**

Ph1 *current version:* none *WG (prime / other):* / *rapporteur:* ,  
*freeze\_meeting:* *G: yes U:* *MCC:*  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph1 00 .- series  
[http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

Ph1 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.05 Simultaneous and Alternate Use of Services

Ph1 current version: 3.0.2

freeze\_meeting:

history (event, available, version,  
smg-01 06/05/1992 3 . 0 . 2

WG (prime / other): - / rapporteur: ,  
G: yes U: MCC: ,

[get it](#) remarks - general: MoU  
remarks - this release: .

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## TS 02.08 Quality of Service (QoS) / GSM system performance

Ph1 current version: 3.0.1

freeze\_meeting:

history (event, available, version,  
25/08/1995 0 . 2 . 0  
06/10/1995 0 . 2 . 1  
10/05/1994 3 . 0 . 0  
10/05/1994 3 . 0 . 1

WG (prime / other): - / - rapporteur: TWINGLER, Jonas Northstream AB  
G: yes U: MCC: ,

[get it](#) remarks - general:  
[get it](#) remarks - this release: .  
[get it](#)  
[get it](#)

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## TS 02.10 Provision of Telecommunication Services

Ph1 current version: none

freeze\_meeting:

history (event, available, version,

WG (prime / other): / - rapporteur: ,  
G: yes U: MCC:

remarks - general:  
remarks - this release: .

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## TS 02.12 Licensing

Ph1 current version: none

freeze\_meeting:

history (event, available, version,

WG (prime / other): / - rapporteur: ,  
G: yes U: MCC:

remarks - general:  
remarks - this release: .

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph1 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.13 Subscription to the Services of a GSM PLMN**

Ph1 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / - *rapporteur:* ,  
*G: yes U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

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**TS 02.14 Service Directory**

Ph1 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G: yes U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

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**TS 02.15 Circulation of mobile stations**

Ph1 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G: yes U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

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**TS 02.21 Transferred account procedure and billing information**

Ph1 *current version:* 3.4.0  
*freeze\_meeting:*  
*history (event, available, version,*  
Jan 1990 10/05/1994 3 . 3 . 0  
? 10/05/1994 3 . 4 . 0

*WG (prime / other):* S2 / *rapporteur:* ,  
*G: yes U:* *MCC:* SULTAN, Alain

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .

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Ph1 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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Server WITHDRAWN specs Ph1 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.01 Mobile station type approval procedure principles (Candidate NET 10 part 1)**

Ph1 *current version:* none *WG (prime / other):* / *rapporteur:* ,  
*freeze\_meeting:* G: yes U: *MCC:*  
*history (event, available, version,* *remarks - general:*  
*remarks - this release:* .

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**TS 11.20 GSM DCS 1800 Base Station Specification**

Ph1 *current version:* 3.19.0 *WG (prime / other):* GP / NP *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,* *remarks - general:*  
*remarks - this release:*

smg-01		3 . 6 . 0	
smg-02		3 . 7 . 0	
smg-03		3 . 8 . 0	
smg-04		3 . 9 . 0	
smg-05		3 . 10 . 0	
smg-06		3 . 11 . 0	
smg-07		3 . 12 . 0	
smg-08	01/01/1995	3 . 13 . 0	<a href="#">get it</a>
smg-09		3 . 14 . 0	
smg-10		3 . 15 . 0	
smg-11		3 . 16 . 0	
smg-12		3 . 17 . 0	
smg-14		3 . 18 . 0	
smg-17	01/01/1995	3 . 19 . 0	<a href="#">get it</a>

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Ph1 **12** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.07 Public Land Mobile Network (PLMN) Quality of Service**

Ph1 *current version:* none *WG (prime / other):* - / - *rapporteur:*  
*freeze\_meeting:* G: yes U: *MCC:* ,  
*history (event, available, version,* *remarks - general:* withdrawn  
*remarks - this release:* .

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G = required in systems with GERAN acces; U = required in systems with UMTS



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Server WITHDRAWN specs Ph1 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.234** (reserved for future WLAN I/w stage 1)

current version: none  
freeze\_meeting:  
history (event, available, version,

WG (prime / other): / rapporteur: ,  
G: U: yes MCC:

remarks - general:  
remarks - this release:

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**23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.234** (reserved for future WLAN I/w stage 2)

current version: none  
freeze\_meeting:  
history (event, available, version,

WG (prime / other): / rapporteur: ,  
G: U: yes MCC:

remarks - general:  
remarks - this release:

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**24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs 24 .- series  
[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.04U UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems**

*current version:* none

*freeze\_meeting:*

*history (event, available, version,*

*WG (prime / other):* /

*rapporteur:* ,

*G: U:*

*MCC:*

*remarks - general:*

*remarks - this release:*

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