

**3GPP TSG-CN Meeting #14**  
**3GPP TSG-RAN Meeting #14**  
**3GPP TSG-T Meeting #14**  
**3GPP TSG-SA Meeting #14**  
**Kyoto, Japan, December 2001**

***Tdoc NP-010670***  
***Tdoc RP-010833***  
***Tdoc TP-010277***  
***Tdoc SP-010659***

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

**Title:** **Specs status list prior to TSGs#14**

**Document for:** **CN: information**  
**RAN: information**  
**T: information**  
**SA: information**

**Agenda Item:** **CN: 11**  
**RAN: 12**  
**T: 6**  
**SA: 8.6**

The following table shows the status list immediately prior to TSGs#14. It differs from that corresponding to the end of SA#13 insofar as it contains new specs created since that time and later drafts of specs not yet under change control. It does *not* reflect the updates resulting from GERAN#7, since not all of these were available at the time of creation of the present document (2001-12-12).

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Server ACTIVE specs Rel-6 21 .- series  
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ACTIVE specs

Rel-6

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**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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**TS 21.104 3rd Generation mobile system Release 6 specifications**

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

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

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

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Server ACTIVE specs Rel-6 21 .- 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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<b>TS 22.242</b>	<b>Digital Rights Management (DRM); Stage 1</b>				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOOD, Nicholas	Openwave Systems (N.I.) Ltd	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
			<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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**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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G = required in systems with GERAN acces; U = required in systems with UMTS

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Rel-5



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**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 21.103</b>	<b>3rd Generation mobile system Release 5 specifications</b>					
Rel-5	<i>current version:</i> 1.0.0		DRAFT	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat
	<i>freeze_meeting:</i> SP-14			<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version,</i>					
	SP-12	0 . 0 . 0	SP-010275		<i>remarks - general:</i>	
	SP-12 05/07/2001	0 . 1 . 0	SP-010381	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	SP-13 01/10/2001	1 . 0 . 0	SP-010418	<a href="#">get it</a>		
<hr/>						
<b>TR 21.905</b>	<b>Vocabulary for 3GPP Specifications</b>					
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ZARRI, Michele	One 2 One Personal Communications Limited
	<i>freeze_meeting:</i> SP-14			<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	SP-12 27/06/2001	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-13 05/10/2001	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .	

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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)

<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-14		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>					
<b>TS 22.057</b>	<b>Mobile Execution Environment (MExE); Stage 1</b>								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> CATALDO, Mark		Openwave Systems (N.I.) Ltd		
	<i>freeze_meeting:</i> SP-14		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-09 18/10/2000	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution				
	SP-11 02/04/2001	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> Environment (MExE); Stage 1".				
	SP-13 05/10/2001	5 . 2 . 0		<a href="#">get it</a>					
<b>TS 22.060</b>	<b>General Packet Radio Service (GPRS); Service description; Stage 1</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>		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				
					<i>remarks - this release:</i> .				
<b>TS 22.078</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1</b>								
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> GRECH, Michel		Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-14		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-09 09/11/2000	5 . 0 . 0	unclear how to implement CR	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4				
	SP-10 08/01/2001	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	SP-11 02/04/2001	5 . 2 . 0		<a href="#">get it</a>					
	SP-12 27/06/2001	5 . 3 . 0		<a href="#">get it</a>					
	SP-13 05/10/2001	5 . 4 . 0		<a href="#">get it</a>					

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<b>TS 22.121</b>	<b>Service aspects; The Virtual Home Environment; Stage 1</b>								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> Former title: "Provision of Services in UMTS - The Virtual Home Environment;
	SP-12 27/06/2001	5	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> Stage 1"
<hr/>									
<b>TS 22.127</b>	<b>Service Requirement for the Open Services Access (OSA); Stage 1</b>								
Rel-5	<i>current version:</i> 5.1.1								
	<i>freeze_meeting:</i> SP-14								
	<i>history (event, available, version,</i>								
	SP-12 27/06/2001	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
	SP-13 05/10/2001	5	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> .
	edito 09/10/2001	5	.	1	.	1		<a href="#">get it</a>	
<hr/>									
<b>TS 22.129</b>	<b>Handover Requirements between UMTS and GERAN or other Radio Systems</b>								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	SP-13 05/10/2001	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
<b>TS 22.141</b>	<b>Presence service; Stage 1</b>								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-14								
	<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-13 05/10/2001	5	.	0	.	0		<a href="#">get it</a>	
<hr/>									
<b>TS 22.146</b>	<b>Multimedia Broadcast/Multicast service; Stage 1</b>								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-14								
	<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.
	SP-13 05/10/2001	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> To be approved SA#13.

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<b>TS 22.240</b>	<b>3GPP generic user profile requirements; Stage 1</b>					
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> AMERY, Paul	ORANGE PCS LTD	
	<i>freeze_meeting:</i> SP-14		G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>			<i>remarks - general:</i> Cf work item 'Generic user profile"		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 22.243</b>	<b>Distributed speech recognition based automated voice services</b>					
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WILLIAMS, David	ADVANCED HARDWARE ARCHITECTURES INC.	
	<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> .		
<hr/>						
<b>TR 22.928</b>	<b>IP-based multimedia services examples</b>					
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd	
	<i>freeze_meeting:</i> SP-14		G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TR 22.941</b>	<b>IP based multimedia framework specifications</b>					
Rel-5	<i>current version:</i> 0.4.1	DRAFT	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.	
	<i>freeze_meeting:</i> SP-14		G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
	draft 05/07/2001	0 . 1 . 0		<i>remarks - this release:</i> .		
	SP-12 05/07/2001	0 . 2 . 4	S1-010359, SP-010359 - not seen by	<a href="#">get it</a>		
			SA1.	<a href="#">get it</a>		
	draft 15/10/2001	0 . 4 . 1		<a href="#">get it</a>		
<hr/>						
<b>TR 22.944</b>	<b>Service requirements for UE functionality split</b>					
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GUPTA, Sanjay	MOTOROLA Ltd	
	<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> .		

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**TR 22.976 Study on PS domain services and capabilities**

Rel-5 current version: 2.0.0 DRAFT

freeze\_meeting:

history (event, available, version,

SP-08 28/06/2000 2 . 0 . 0 transferred from Rel-4

WG (prime / other): S1 / -

G: U: yes

rapporteur: CATALDO, Mark

MCC: CLAYTON, Michael

Openwave Systems (N.I.) Ltd

remarks - general: Created Jan-00

remarks - this release: 2001-12-04: Rel4->Rel-5 (Clayton).

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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)

<b>TS 23.002</b>	<b>Network Architecture</b>					
Rel-5	current version: 5.4.0		WG (prime / other): S2 / -	rapporteur: SULTAN, Alain	ETSI Secretariat	
	freeze_meeting: SP-14		G: yes U: yes	MCC: SULTAN, Alain		
	history (event, available, version,					
	SP-09 18/10/2000	5 . 0 . 0	<a href="#">get it</a>	remarks - general: Transfer>TSG#4,CR at TSG#5		
	SP-10 21/12/2000	5 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
	SP-11 06/04/2001	5 . 2 . 0	<a href="#">get it</a>			
	SP-12 12/07/2001	5 . 3 . 0	<a href="#">get it</a>			
	SP-13 12/10/2001	5 . 4 . 0	<a href="#">get it</a>			
<b>TS 23.003</b>	<b>Numbering, Addressing and Identification</b>					
Rel-5	current version: 5.1.0		WG (prime / other): N4 / -	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB	
	freeze_meeting: SP-14		G: yes U: yes	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,					
	NP-12 27/06/2001	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	NP-13 03/10/2001	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .		
<b>TS 23.018</b>	<b>Basic Call Handling; Technical realization</b>					
Rel-5	current version: 5.1.0		WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE Group Plc	
	freeze_meeting: SP-14		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: .		
<b>TS 23.040</b>	<b>Technical realization of Short Message Service (SMS)</b>					
Rel-5	current version: 5.1.0		WG (prime / other): T2 / -	rapporteur: HARRIS, Ian	VODAFONE Group Plc	
	freeze_meeting: SP-14		G: yes U: yes	MCC: RODERMUND, Friedhelm		
	history (event, available, version,					
	NP-12 05/07/2001	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	TP-13 03/10/2001	5 . 1 . 0	<a href="#">get it</a>	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> 5.1.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> TP-14	G: yes U: yes	<i>MCC:</i> SANDERS, Michael			
	<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-13 12/10/2001 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>						
<b>TS 23.084</b>	<b>MultiParty (MPTY) Supplementary Service; Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-14	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>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 23.107</b>	<b>Quality of Service (QoS) concept and architecture</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GREIS, Marc	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-14	G: U: yes	<i>MCC:</i> SULTAN, Alain			
	<i>history (event, available, version,</i>					
	SP-11 11/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 23.907			
	SP-12 29/06/2001 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-13 12/10/2001 5 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 23.140</b>	<b>Multimedia Messaging Service (MMS); Functional description; Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> LAUMEN, Josef	SIEMENS AG		
	<i>freeze_meeting:</i>	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>			
			<i>remarks - this release:</i> .			
<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>	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			
			<i>remarks - this release:</i> . good to reserve the number just in case ...".			

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

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

Rel-5 *current version:* 5.1.0 *DRAFT* WG (prime / other): S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.  
*freeze\_meeting:* SP-14 G: U: yes MCC: SULTAN, Alain  
*history (event, available, version,*  
SP-12 2 . 0 . 0 SP-010337 *remarks - general:*  
SP-12 02/07/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-13 15/10/2001 5 . 1 . 0 [get it](#)

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

Rel-5 *current version:* 1.0.0 *DRAFT* WG (prime / other): N1 / - *rapporteur:* ALLEN, Andrew dynamicsoft Inc.  
*freeze\_meeting:* NP-15 G: U: yes MCC: JORGENSEN, Per Johan  
*history (event, available, version,*  
draft 30/03/2001 0 . 5 . 0 [get it](#) *remarks - general:*  
draft 20/08/2001 0 . 5 . 2 [get it](#) *remarks - this release:* .  
draft 11/09/2001 0 . 6 . 0 [get it](#)  
draft 10/10/2001 0 . 7 . 0 [get it](#)  
draft 05/11/2001 0 . 8 . 0 [get it](#)  
draft 19/11/2001 0 . 9 . 0 [get it](#)  
NP-14 05/12/2001 1 . 0 . 0 [get it](#)

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**TS 23.221 Architectural requirements**

Rel-5 *current version:* 5.2.0 *DRAFT* WG (prime / other): S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-14 G: yes U: yes MCC: SULTAN, Alain  
*history (event, available, version,*  
SP-11 06/04/2001 5 . 0 . 0 [get it](#) *remarks - general:* Derived from R99-specific 23.121  
SP-12 02/07/2001 5 . 1 . 0 [get it](#) *remarks - this release:*  
SP-13 12/10/2001 5 . 2 . 0 [get it](#)

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**TS 23.226 Global text telephony; Stage 2: Architecture**

Rel-5 *current version:* 5.0.0 *DRAFT* WG (prime / other): N4 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute  
*freeze\_meeting:* SP-11 G: U: yes MCC: KYMALAINEN, Kimmo  
*history (event, available, version,*  
SP-12 2 . 0 . 0 SP-010336 *remarks - general:*  
SP-12 29/06/2001 5 . 0 . 0 [get it](#) *remarks - this release:* WI approved TSG#7

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

Rel-5 *current version:* 5.2.1 *WG (prime / other):* S2 / - *rapporteur:* TOWLE, Thomas Lucent Technologies  
*freeze\_meeting:* SP-14 *G:* *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:*  
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 5 . 2 . 1  
figures

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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:* 5.0.0 *WG (prime / other):* S2 / - *rapporteur:* TERRILL, Stephen Telefon AB LM Ericsson  
*freeze\_meeting:* *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](#)

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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:* SULTAN, Alain ETSI Secretariat  
*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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## TS 23.241 3GPP generic user profile requirements; Stage 2; Data description framework

Rel-5 *current version:* none *WG (prime / other):* T2 / *rapporteur:* LOCKHART, Rob Motorola Inc.  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
*remarks - general:* Cf work item 'Generic user profile'  
*remarks - this release:* .

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## TS 23.271 Functional stage 2 description of location services

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-14  
*history (event, available, version,*  
SP-13 15/10/2001 5 . 0 . 0

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

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

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## TR 23.815 Charging implications of IMS architecture

Rel-5 *current version:* 0.3.0 DRAFT  
*freeze\_meeting:* SP-15  
*history (event, available, version,*  
draft 0 . 0 . 0 2001-08  
Output of 0 . 1 . 0 2001-10  
SA2/SA5 Drafting  
at SA2#19bis  
Output of SA2#20 20/11/2001 0 . 2 . 0  
in Kobe  
draft ex Cancun 04/12/2001 0 . 3 . 0

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

*remarks - general:* Was 23.815.  
*remarks - this release:* .

[get it](#)

[get it](#)

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## TR 23.841 Presence service architecture

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

*WG (prime / other):* S2 / *rapporteur:* MAANSAARI, Kirsi NOKIA Corporation  
*G:* *U:* yes *MCC:* SULTAN, Alain

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

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## TR 23.875 Support of Push service

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-14  
*history (event, available, version,*  
SP-13 16/10/2001 5 . 0 . 0 derived from SP-010508

*WG (prime / other):* S2 / *rapporteur:* UDA, Nobuyuki NTT Communications Ware Corporation  
*G:* *U:* yes *MCC:* SULTAN, Alain

[get it](#) *remarks - general:* SP-13: changed number from 23.974.  
*remarks - this release:* .

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## TR 23.955 Virtual Home Environment (VHE) concepts

Rel-5 *current version:* 0.1.0 DRAFT  
*freeze\_meeting:* SP-14  
*history (event, available, version,*  
draft 08/01/2001 0 . 0 . 0  
draft 24/01/2001 0 . 1 . 0

*WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain ETSI Secretariat  
*G:* *U:* yes *MCC:* SULTAN, Alain

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

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

Rel-5 *current version:* 1.0.0 DRAFT WG (prime / other): N1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-14 G: U: yes MCC: JORGENSEN, Per Johan

*history (event, available, version,*  
NP-10 0 . 0 . 6 *remarks - general:*  
NP-10 05/01/2001 0 . 0 . 7 N1-001115->1379 (NP-000684) [get it](#) *remarks - this release:*  
draft 26/03/2001 0 . 1 . 0 [get it](#)  
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 [get it](#)

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## TS 24.241 3GPP generic user profile requirements; Stage 3; Access; Common objects

Rel-5 *current version:* none WG (prime / other): T2 / *rapporteur:* LOCKHART, Rob Motorola Inc.  
*freeze\_meeting:* TP-16 G: U: yes MCC: RODERMUND, Friedhelm

*history (event, available, version,*  
*remarks - general:* Cf work item 'Generic user profile" - may be renumbered to 27.241  
*remarks - this release:* .

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<b>TS 25.101</b>	<b>UE Radio transmission and reception (FDD)</b>								
Rel-5	current version: 5.0.0	WG (prime / other): R4 / -	rapporteur: FERNANDES, Edgar	MOTOROLA Ltd					
	freeze_meeting:	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar						
	history (event, available, version, RP-13 03/10/2001 5 . 0 . 0					<a href="#">get it</a>	remarks - general:		remarks - this release: .
<b>TS 25.104</b>	<b>UTRA (BS) FDD; Radio transmission and reception</b>								
Rel-5	current version: 5.0.0	WG (prime / other): R4 / -	rapporteur: SKÖLD, Johan	Telefon AB LM Ericsson					
	freeze_meeting:	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar						
	history (event, available, version, RP-13 03/10/2001 5 . 0 . 0					<a href="#">get it</a>	remarks - general:		remarks - this release: .
<b>TS 25.133</b>	<b>Requirements for support of radio resource management (FDD)</b>								
Rel-5	current version: 5.0.0	WG (prime / other): R4 / -	rapporteur: RONCHINI, M. Cristina	Telecom Italia Lab S.p.A.					
	freeze_meeting:	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar						
	history (event, available, version, RP-13 10/10/2001 5 . 0 . 0					<a href="#">get it</a>	remarks - general:		remarks - this release: .
<b>TS 25.141</b>	<b>Base station conformance testing (FDD)</b>								
Rel-5	current version: 5.0.0	WG (prime / other): R4 / -	rapporteur: NAKAMURA, Takaharu	Fujitsu Limited					
	freeze_meeting:	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar						
	history (event, available, version, RP-13 03/10/2001 5 . 0 . 0					<a href="#">get it</a>	remarks - general:		remarks - this release: .
<b>TS 25.305</b>	<b>Stage 2 functional specification of UE positioning in UTRAN</b>								
Rel-5	current version: 5.2.0	WG (prime / other): R2 / -	rapporteur: MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)					
	freeze_meeting: SP-14	G: U: yes	MCC: VAN DER VEEN, Hans						
	history (event, available, version, RP-11 27/03/2001 5 . 0 . 0 RP-12 19/06/2001 5 . 1 . 0 RP-13 02/10/2001 5 . 2 . 0					<a href="#">get it</a>	remarks - general: Created from 25.923		<a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>

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<b>TS 25.308</b>	<b>UTRA High Speed Downlink Packet Access (HSPDA); Overall description; Stage 2</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R2 /		<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	<i>freeze_meeting:</i> RP-14		G:	U: yes	<i>MCC:</i> VAN DER VEEN, Hans				
	<i>history (event, available, version,</i>								
	RP-13 01/10/2001	0 . 1 . 0							RP-010643 for approval
	RP-13 02/10/2001	5 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i> TS created from entrails of TR 25.855.
								<a href="#">get it</a>	<i>remarks - this release:</i> .
<hr/>									
<b>TS 25.401</b>	<b>UTRAN Overall Description</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-14		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> .
<hr/>									
<b>TS 25.450</b>	<b>UTRAN lupc interface general aspects and principles</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /		<i>rapporteur:</i> LIN, le-Hong	Qualcomm Inc			
	<i>freeze_meeting:</i> RP-14		G:	U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>								
	RP-12	2 . 0 . 0							RP-010400
	RP-12 05/07/2001	5 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
<b>TS 25.451</b>	<b>UTRAN lupc interface layer 1</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /		<i>rapporteur:</i> LIN, le-Hong	Qualcomm Inc			
	<i>freeze_meeting:</i> RP-14		G:	U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>								
	RP-12	2 . 0 . 0							RP-010401
	RP-12 05/07/2001	5 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
<b>TS 25.452</b>	<b>UTRAN lupc interface signalling transport</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /		<i>rapporteur:</i> LIN, le-Hong	Qualcomm Inc			
	<i>freeze_meeting:</i> RP-14		G:	U: yes	<i>MCC:</i> TAYLOR, Carolyn				
	<i>history (event, available, version,</i>								
	RP-13 26/09/2001	2 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>
	RP-13 12/10/2001	5 . 0 . 0						<a href="#">get it</a>	<i>remarks - this release:</i> .

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<b>TS 25.453</b>	<b>UTRAN Iur interface Positioning Calculation Application Part (PCAP) signalling</b>								
Rel-5	current version: 5.1.0		WG (prime / other): R3 /		rapporteur: LIN, Ie-Hong	Qualcomm Inc			
	freeze_meeting: RP-14		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		<a href="#">get it</a>	remarks - this release: .				
	RP-13 12/10/2001	5 . 1 . 0		<a href="#">get it</a>					
<b>TR 25.854</b>	<b>Uplink Synchronous Transmission Scheme (USTS)</b>								
Rel-5	current version: 2.0.0	DRAFT	WG (prime / other): R1 /		rapporteur: KIM, Duk Kyung	SK TELECOM			
	freeze_meeting: SP-14		G: U: yes		MCC: IKEDA, Shinobu				
	history (event, available, version,								
	RP-13 01/10/2001	1 . 0 . 0	RP-010647	<a href="#">get it</a>	remarks - general:				
	RP-11 05/04/2001	1 . 0 . 0	RP-010428 at RP-12	<a href="#">get it</a>	remarks - this release:				
	RP-14	2 . 0 . 0	RP-010826						
<b>TR 25.855</b>	<b>High Speed Downlink Packet Access (HSDPA); Overall UTRAN description</b>								
Rel-5	current version: 5.0.0		WG (prime / other): R2 /		rapporteur: KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	freeze_meeting: SP-14		G: U: yes		MCC: VAN DER VEEN, Hans				
	history (event, available, version,								
	RP-12 19/06/2001	1 . 0 . 0	RP-010345	<a href="#">get it</a>	remarks - general:				
	RP-13 01/10/2001	2 . 0 . 0	RP-010562	<a href="#">get it</a>	remarks - this release: RP-13: This TR will be replaced by TS 25.308.				
	RP-13 02/10/2001	5 . 0 . 0		<a href="#">get it</a>					
<b>TR 25.856</b>	<b>High Speed Downlink Packet Access (HSDPA); Layer 2 and 3 aspects</b>								
Rel-5	current version: hans	none	WG (prime / other): R2		/ rapporteur: KUCHIBHOTLA, Ravi				
	MOTOROLA Ltd								
	freeze_meeting: SP-14		G: U: yes		MCC: VAN DER VEEN, Hans				
	history (event, available, version,								
					remarks - general:				
					remarks - this release: .				
<b>TR 25.857</b>	<b>UE positioning enhancements</b>								
Rel-5	current version: none		WG (prime / other): R2 /		rapporteur: BECKMANN, Mark	ROBERT BOSCH GmbH			
	freeze_meeting: SP-14		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	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> GHOSH, Amitabha	Motorola Inc.				
	<i>freeze_meeting:</i> SP-14		G: U: yes	<i>MCC:</i> IKEDA, Shinobu					
	<i>history (event, available, version,</i>								
	RP-14	1 . 0 . 0	RP-010823				<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
<hr/>									
<b>TR 25.859</b>	<b>User Equipment positioning enhancements for 1,28 Mcps TDD</b>								
Rel-5	<i>current version:</i> 1.0.1	DRAFT	<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> ,					
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans					
	<i>history (event, available, version,</i>								
	draft	0 . 0 . 0					<i>remarks - general:</i>		
	draft 04/09/2001	0 . 1 . 0					<i>remarks - this release:</i> .		
	RP-13 02/10/2001	1 . 0 . 1	RP-010560				<a href="#">get it</a>		
							<a href="#">get it</a>		
<hr/>									
<b>TR 25.860</b>	<b>Radio acces bearer support enhancements</b>								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIKOLA, Juha	NOKIA Corporation				
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans					
	<i>history (event, available, version,</i>								
							<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
<hr/>									
<b>TR 25.861</b>	<b>RNC - SMLC location protocol</b>								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> MIKOLA, Juha	NOKIA Corporation				
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans					
	<i>history (event, available, version,</i>								
							<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
<hr/>									
<b>TR 25.867</b>	<b>Feasibility study for wideband distribution systems in 3rd generation networks</b>								
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> ALLAN, Mark	TEKMAR Sistemi Srl				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>								
	RP-14	1 . 0 . 0	RP-010794				<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		

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<b>TR 25.868</b>	<b>Node B synchronization for 1,28 Mcps, TDD</b>								
Rel-5	current version: 1.1.0	DRAFT	WG (prime / other):	R1 / -	rapporteur:	HU, Jinling	CATT		
	freeze_meeting: RP-14		G:	U: yes	MCC:	IKEDA, Shinobu			
	history (event, available, version,								
	RP-13 01/10/2001	1 . 0 . 0						<a href="#">get it</a>	remarks - general:
	RP-14	1 . 1 . 0							remarks - this release: .
<b>TR 25.869</b>	<b>RAN WG1 report on Tx diversity solutions for multiple antennas</b>								
Rel-5	current version: 1.0.1	DRAFT	WG (prime / other):	R1 / -	rapporteur:	KIM, Sung-Jin	Samsung Electronics Ind. Co., Ltd.		
	freeze_meeting: RP-14		G:	U: yes	MCC:	IKEDA, Shinobu			
	history (event, available, version,								
	RP-12 28/06/2001	1 . 0 . 0						<a href="#">get it</a>	remarks - general:
	RP-13 01/10/2001	1 . 0 . 1						<a href="#">get it</a>	remarks - this release: .
<b>TR 25.870</b>	<b>Enhancement on the DSCH Hard Split mode</b>								
Rel-5	current version: 1.1.0	DRAFT	WG (prime / other):	R1 /	rapporteur:	KIM, Jaeyoel	Samsung Electronics Ind. Co., Ltd.		
	freeze_meeting: RP-14		G:	U: yes	MCC:	IKEDA, Shinobu			
	history (event, available, version,								
	RP-12 28/06/2001	0 . 1 . 0						<a href="#">get it</a>	remarks - general:
	draft 14/09/2001	1 . 0 . 0						<a href="#">get it</a>	remarks - this release: .
	RP-14	1 . 1 . 0							
<b>TR 25.875</b>	<b>NAS node selector function</b>								
Rel-5	current version: 1.0.0	DRAFT	WG (prime / other):	R3 /	rapporteur:	MCWILLIAMS, Brendan	VODAFONE Group Plc		
	freeze_meeting: SP-14		G:	U: yes	MCC:	TAYLOR, Carolyn			
	history (event, available, version,								
	RP-11 06/04/2001	0 . 0 . 1						<a href="#">get it</a>	remarks - general:
	RP-14	1 . 0 . 0							remarks - this release: . TSG#11:5.0.0
<b>TR 25.876</b>	<b>Multiple-Input Multiple-Output Antenna Processing for HSDPA</b>								
Rel-5	current version: 1.0.0	DRAFT	WG (prime / other):	R1 /	rapporteur:	HUANG, Howard	Lucent Technologies		
	freeze_meeting: SP-14		G:	U: yes	MCC:	IKEDA, Shinobu			
	history (event, available, version,								
	RP-14	1 . 0 . 0							remarks - general:
									remarks - this release: .

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<b>TR 25.877</b>	<b>High Speed Downlink Packet Access (HSDPA) - Iub/Iur Protocol Aspects</b>								
Rel-5	current version: 0.2.2	DRAFT	WG (prime / other):	R3 /	rapporteur:	DIESEN, Michael	MOTOROLA Ltd		
	freeze_meeting:		G:	U: yes	MCC:	TAYLOR, Carolyn			
	history (event, available, version,								
	draft 12/10/2001	0 . 1 . 0						<a href="#">get it</a>	remarks - general:
	draft 07/11/2001	0 . 2 . 2						<a href="#">get it</a>	remarks - this release: .
<b>TR 25.878</b>	<b>RL Timing Adjustment</b>								
Rel-5	current version: 0.2.0	DRAFT	WG (prime / other):	R3 /	rapporteur:	VOLTOLINA, Elena	Ericsson Radio System AB		
	freeze_meeting:		G:	U: yes	MCC:	TAYLOR, Carolyn			
	history (event, available, version,								
	R3-23	0 . 2 . 0	awaiting input from RAN1 & RAN2.						remarks - general:
									remarks - this release: .
<b>TR 25.879</b>	<b>Separation of resource reservation and radio link activation</b>								
Rel-5	current version: 0.3.1	DRAFT	WG (prime / other):	R3 /	rapporteur:	LIESHOUT, Gert-Jan	Telefon AB LM Ericsson		
	freeze_meeting:		G:	U: yes	MCC:	TAYLOR, Carolyn			
	history (event, available, version,								
	R3-23	0 . 2 . 0	Status report in RP-010608.						remarks - general:
	draft 03/12/2001	0 . 3 . 0						<a href="#">get it</a>	remarks - this release: .
	draft 03/12/2001	0 . 3 . 1						<a href="#">get it</a>	
<b>TS 25.880</b>	<b>Traffic Termination Point Swapping</b>								
Rel-5	current version: 0.3.0	DRAFT	WG (prime / other):	R3 /	rapporteur:	ISOKANGAS, Jari	NOKIA Corporation		
	freeze_meeting:		G:	U: yes	MCC:	TAYLOR, Carolyn			
	history (event, available, version,								
	R3-23	0 . 1 . 0	RP-010609						remarks - general:
	RP-14	0 . 3 . 0							remarks - this release: .
<b>TR 25.881</b>	<b>Improvement of Radio Resource Management across RNS and RNS/BSS</b>								
Rel-5	current version: 0.4.1	DRAFT	WG (prime / other):	R3 /	rapporteur:	HWANG, Woonhee	NOKIA Corporation		
	freeze_meeting:		G:	U: yes	MCC:	TAYLOR, Carolyn			
	history (event, available, version,								
	R3-23	0 . 2 . 0	Status report in RP-010611						remarks - general:
	draft	0 . 4 . 0							remarks - this release: .
	draft	0 . 4 . 1	04/12/2001						

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<b>TR 25.882</b>	<b>1,28 Mcps TDD option base station classification</b>								
Rel-5	current version: 1.1.0	DRAFT	WG (prime / other): R4 /	rapporteur: MEYER, Juergen	SIEMENS AG				
	freeze_meeting: SP-14		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		1 . 1 . 0	RP-010810		remarks - this release: .				
<hr/>									
<b>TR 25.883</b>	<b>Direct Transport Bearers Between SRNC and Node-B</b>								
Rel-5	current version: 0.2.0	DRAFT	WG (prime / other): R3 /	rapporteur: VAN LIESHOUT,	ERICSSON EUROLAB NETHERLANDS BV				
	freeze_meeting: SP-14		G: U: yes	MCC: Gert-Jan TAYLOR, Carolyn					
history (event, available, version,									
draft	03/12/2001	0 . 2 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release: .				
<hr/>									
<b>TR 25.884</b>	<b>Iur Neighbouring cell reporting efficiency optimisation</b>								
Rel-5	current version: 0.1.0	DRAFT	WG (prime / other): R3 /	rapporteur: VOLTOLINA, Elena	Ericsson Radio System AB				
	freeze_meeting: SP-14		G: U: yes	MCC: TAYLOR, Carolyn					
history (event, available, version,									
referred to at		0 . 1 . 0	Status report in RP-010606		remarks - general: Previous rapporteur: Shahrokh Amirijoo.				
RP-13					remarks - this release: .				
<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: SP-14		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: .				
<hr/>									
<b>TR 25.886</b>	<b>Ssmall technical enhancements and improvements work item</b>								
Rel-5	current version: none		WG (prime / other): R4 /	rapporteur: KWAK, Joe	Golden Bridge Technology Inc.				
	freeze_meeting: SP-14		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar					
history (event, available, version,									
					remarks - general:				
					remarks - this release: .				

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<b>TS 26.103</b>	<b>Codec lists</b>					
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: HELLWIG, Karl	ERICSSON Eurolab Deutschland GmbH		
	freeze_meeting: SP-14	G: U: yes	MCC: USAI, Paolino			
history (event, available, version,	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	remarks - general: New after TSG#5			
			remarks - this release: . TSG#10:4.0.0 TSG#11:5.0.0			
<b>TS 26.131</b>	<b>Terminal acoustic characteristics for telephony; Requirements</b>					
Rel-5	current version: 5.1.0	WG (prime / other): S4 / -	rapporteur: GOETZ, Ian	TELLABS OPERATIONS INC.		
	freeze_meeting: SP-11	G: U: yes	MCC: USAI, Paolino			
history (event, available, version,	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	SP-13 02/10/2001 5 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
<b>TS 26.132</b>	<b>Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification</b>					
Rel-5	current version: 5.1.0	WG (prime / other): S4 / -	rapporteur: GOETZ, Ian	TELLABS OPERATIONS INC.		
	freeze_meeting: SP-11	G: U: yes	MCC: USAI, Paolino			
history (event, available, version,	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	SP-13 02/10/2001 5 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
<b>TS 26.140</b>	<b>Multimedia Messaging Service (MMS); Media formats and codes</b>					
Rel-5	current version: 1.0.0	WG (prime / other): S4 / -	rapporteur: CASTAGNO, Roberto	NOKIA Corporation		
	freeze_meeting: SP-15	G: yes U: yes	MCC: USAI, Paolino			
history (event, available, version,	SP-14 1 . 0 . 0		remarks - general:			
			remarks - this release: .			
<b>TS 26.171</b>	<b>AMR speech codec, wideband; General description</b>					
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: EKUDDEN, Erik	Telefon AB LM Ericsson		
	freeze_meeting: SP-12	G: U: yes	MCC: USAI, Paolino			
history (event, available, version,	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: TSG#10:1.0.0=NP-000556 TSG#10:1.0.0 TSG#11:5.0.0			

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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	current version: 5.2.0	WG (prime / other):	S4 / -	rapporteur:	EKUDDEN, Erik	Telefon AB LM Ericsson
	freeze_meeting: SP-12	G: yes U: yes		MCC:	USAI, Paolino	
history (event, available, version,						
SP-11	10/04/2001	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	2001-10-01: added "G" flag.
SP-12	27/06/2001	5 . 1 . 0		<a href="#">get it</a>	remarks - this release:	
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>		

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<b>TS 26.174</b>	<b>AMR speech codec, wideband; Test sequences</b>					
Rel-5	current version: 5.1.1	WG (prime / other):	S4 / -	rapporteur:	EKUDDEN, Erik	Telefon AB LM Ericsson
	freeze_meeting: SP-12	G: U: yes		MCC:	USAI, Paolino	
history (event, available, version,						
SP-11	10/04/2001	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
SP-12	27/06/2001	5 . 1 . 0		<a href="#">get it</a>	remarks - this release:	. TSG#11:5.0.0
correction to test	12/11/2001	5 . 1 . 1		<a href="#">get it</a>		
sequences						

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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	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	VACANT,	
	freeze_meeting: SP-12	G: U: yes		MCC:	USAI, Paolino	
history (event, available, version,						
SP-11	10/04/2001	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
					remarks - this release:	TSG#10:1.0.0=NP-000663 TSG#10:1.0.0 TSG#11:5.0.0

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<b>TS 26.191</b>	<b>AMR speech codec, wideband; Error concealment of lost frames</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	EKUDDEN, Erik	Telefon AB LM Ericsson
	freeze_meeting: SP-12	G: U: yes		MCC:	USAI, Paolino	
history (event, available, version,						
SP-11	10/04/2001	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
					remarks - this release:	TSG#10:1.0.0=NP-000559 TSG#10:1.0.0 TSG#11:5.0.0

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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	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	VACANT,	
	freeze_meeting: SP-12	G: U: yes		MCC:	USAI, Paolino	
history (event, available, version,						
SP-11	10/04/2001	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
					remarks - this release:	TSG#10:1.0.0=NP-000560 TSG#10:1.0.0 TSG#11:5.0.0

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<b>TS 26.193</b>	<b>AMR speech codec, wideband; Source Controlled Rate operation</b>					
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: EKUDDEN, Erik	Telefon AB LM Ericsson		
	freeze_meeting: SP-12	G: U: yes	MCC: USAI, Paolino			
history (event, available, version,	SP-11 10/04/2001 5 . 0 . 0					
		<a href="#">get it</a>	remarks - general:			
			remarks - this release:	TSG#10:1.0.0=NP-000561 TSG#10:1.0.0 TSG#11:5.0.0		
<hr/>						
<b>TS 26.194</b>	<b>Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)</b>					
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: VACANT,			
	freeze_meeting: SP-12	G: U: yes	MCC: USAI, Paolino			
history (event, available, version,	SP-11 10/04/2001 5 . 0 . 0					
		<a href="#">get it</a>	remarks - general:			
			remarks - this release:	TSG#10:1.0.0=NP-000562 TSG#10:1.0.0 TSG#11:4.0.0		
<hr/>						
<b>TS 26.201</b>	<b>AMR speech codec, wideband; Frame structure</b>					
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: HAGQVIST, Jari	NOKIA Corporation		
	freeze_meeting: SP-12	G: U: yes	MCC: USAI, Paolino			
history (event, available, version,	SP-11 10/04/2001 5 . 0 . 0					
		<a href="#">get it</a>	remarks - general:			
			remarks - this release:	TSG#10:1.0.0=NP-000563 TSG#10:1.0.0 TSG#11:5.0.0		
<hr/>						
<b>TS 26.202</b>	<b>AMR speech codec, wideband; Interface to lu and Uu</b>					
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: SP-12	G: U: yes	MCC: USAI, Paolino			
history (event, available, version,	SP-11 10/04/2001 5 . 0 . 0					
		<a href="#">get it</a>	remarks - general:			
			remarks - this release:	TSG#10:1.0.0=NP-000564 TSG#10:1.0.0 TSG#11:5.0.0		
<hr/>						
<b>TS 26.226</b>	<b>Global text telephony;Transport of text in the voice channel</b>					
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: HELLSTROM, Gunnar	The Swedish Handicap Institute		
	freeze_meeting: SP-14	G: U: yes	MCC: USAI, Paolino			
history (event, available, version,	SP-11 10/04/2001 5 . 0 . 0					
		<a href="#">get it</a>	remarks - general:			
			remarks - this release:	WI approved TSG#7 TSG#9:0.0.9 TSG#10:2.0.0=SP-000569(Rel-5)->Rel-4 TSG#10:4.0.0 TSG#11:5.0.0		

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<b>TS 26.230</b>	<b>Global text telephony; 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-14		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>				
	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 TSG#10:4.0.0 TSG#11:5.0.0				
<hr/>									
<b>TS 26.231</b>	<b>Global text telephony; Cellular text telephone modem minimum performance requirements</b>								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> HELLSTROM, Gunnar	The Swedish Handicap Institute			
	<i>freeze_meeting:</i> SP-14		G: U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-10 21/12/2000	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-11 10/04/2001	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> . TSG#10:1.0.0 TSG#11:5.0.0				
	SP-13 02/10/2001	5 . 1 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 26.235</b>	<b>Packet switched conversational multimedia applications; Default codecs</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-14		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>				
					<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> none		<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>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TR 26.976</b>	<b>Results of the AMR wideband (AMR-W) selection phase</b>								
Rel-5	<i>current version:</i> 0.3.0	DRAFT	<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-14		G: U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	draft	0 . 0 . 1			<i>remarks - general:</i> Replaces 26.075.				
	SP-12 27/06/2001	0 . 3 . 0	SP-010302	<a href="#">get it</a>	<i>remarks - this release:</i> .				

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**TS 27.104 vObjects and other constructs for data synchronization**

Rel-5 *current version:* 0.1.1 DRAFT *WG (prime / other):* T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.  
*freeze\_meeting:* SP-14 *G:* U: yes *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-10 05/01/2001 0 . 1 . 1 SP-000657

[get it](#)

*remarks - general:*

*remarks - this release:* TSG#11:Rel4->Rel5.

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**TS 27.241 3GPP generic user profile requirements; Stage 3; Access; Common objects**

Rel-5 *current version:* none *WG (prime / other):* T2 / *rapporteur:* LOCKHART, Rob Motorola Inc.  
*freeze\_meeting:* TP-16 *G:* U: yes *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*

*remarks - general:* Cf work item 'Generic user profile' - may be renumbered to 24.241

*remarks - this release:* .

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

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

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

Rel-5 *current version:* 0.3.0 DRAFT *WG (prime / other):* N3 / *rapporteur:* HOLLAND, Nigel BT Group Plc  
*freeze\_meeting:* SP-14 *G:* *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:* .

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

Rel-5 *current version:* 0.3.0 DRAFT *WG (prime / other):* N3 / *rapporteur:* SANDERS, David VODAFONE Group Plc  
*freeze\_meeting:* SP-14 *G:* *U:* yes *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
draft 01/06/2001 0 . 1 . 0 [get it](#) *remarks - general:*  
draft 09/11/2001 0 . 3 . 0 [get it](#) *remarks - this release:* .

### 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-12 *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.

### 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:* SP-11 *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.

### TS 29.207 End to end quality of service; stage 3

Rel-5 *current version:* 0.2.0 DRAFT *WG (prime / other):* N3 / - *rapporteur:* YOKOTA, Daisuke Lucent Technologies Japan Ltd.  
*freeze\_meeting:* NP-14 *G:* *U:* yes *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
draft 08/11/2001 0 . 2 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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

Rel-5 *current version:* 0.1.0 DRAFT  
*freeze\_meeting:*  
*history (event, available, version,*  
draft 08/11/2001 0 . 1 . 0

*WG (prime / other):* N3 / *rapporteur:* YOKOTA, Daisuke Lucent Technologies Japan Ltd.  
*G:* *U:* yes *MCC:* BOSWARTHICK, David

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

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**TS 29.226 reserved**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-11  
*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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**TS 29.228 IP Multimedia (IM) Subsystem Cx Interface; Signalling flows and message contents**

Rel-5 *current version:* 0.1.0 DRAFT  
*freeze\_meeting:* SP-14  
*history (event, available, version,*  
NP-12 04/07/2001 0 . 1 . 0 NP-010303

*WG (prime / other):* N4 / *rapporteur:* CZOMA, Balazs SIEMENS AG  
*G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

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

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**TS 29.229 Cx Interface based on the DIAMETER protocol; Protocol details**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-14

*WG (prime / other):* N4 / - *rapporteur:* PALLARES LOPEZ, TELEFONICA DE ESPAÑA SA  
*G:* *U:* yes *MCC:* Miguel Angel KYMALAINEN, Kimmo

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

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

Rel-5 *current version:* none  
*freeze\_meeting:* NP-16  
*history (event, available, version,*

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

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

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**TR 29.903 Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)**

Rel-5 *current version:* 0.1.0 DRAFT *WG (prime / other):* N4 / *rapporteur:* YOUNG, Michael MOTOROLA Ltd  
*freeze\_meeting:* NP-14 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-12 04/07/2001 0 . 1 . 0 NP-01361 [get it](#) *remarks - general:* Supersedes 29.203.  
*remarks - this release:* NP-11:creation Supersedes 29.203

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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:**

Rel-5 *current version:* none *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,*  
*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:**

Rel-5 *current version:* none *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,*  
*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**

Rel-5 *current version:* none *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,*  
*remarks - general:*  
*remarks - this release:*

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

### TS 31.112 USAT Interpreter Architecture Description; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* TP / *rapporteur:* ,  
*freeze\_meeting:* SP-14 *G:* U: yes *MCC:* SANDERS, Michael  
*history (event, available, version,*  
TP-11 09/04/2001 1 . 0 . 0 [get it](#) *remarks - general:*  
TP-13 12/10/2001 2 . 0 . 0 TP-010207 [get it](#) *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 [get it](#)

### TS 31.113 USAT interpreter byte codes

Rel-5 *current version:* 5.0.0 *WG (prime / other):* TP / *rapporteur:* ,  
*freeze\_meeting:* SP-14 *G:* U: yes *MCC:* SANDERS, Michael  
*history (event, available, version,*  
TP-11 09/04/2001 1 . 0 . 0 [get it](#) *remarks - general:*  
TP-13 12/10/2001 2 . 0 . 0 TP-010208 [get it](#) *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 [get it](#)

### TS 31.114 USAT interpreter protocol and administration

Rel-5 *current version:* none *WG (prime / other):* T3 / *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH  
*freeze\_meeting:* *G:* U: yes *MCC:* SANDERS, Michael  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:*

### TS 31.131 C-language binding for USIM API

Rel-5 *current version:* 1.0.0 DRAFT *WG (prime / other):* T3 / *rapporteur:* TOM, Wim ASPECTS Software Ltd  
*freeze\_meeting:* TP-15 *G:* U: yes *MCC:* SANDERS, Michael  
*history (event, available, version,*  
TP-14 1 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

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**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 32.108</b>	<b>Subscriber and equipment trace</b>					
Rel-5	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> S5 / NP	<i>rapporteur:</i> RONKA, Kari	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
	draft 08/11/2001 0 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 32.112</b>	<b>Telecommunication Management; Fault Management; Alarm Integration Reference Point: Information Service</b>					
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> JURE, Patrick	Lucent Technologies France	
	<i>freeze_meeting:</i> SP-14		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 32.113</b>	<b>Telecommunication Management; Fault Management; Alarm Integration Reference Point: CORBA solution set version 1:1</b>					
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> JURE, Patrick	Lucent Technologies France	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 32.114</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> JURE, Patrick	Lucent Technologies France	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 32.140</b>	<b>Telecommunication Management; 3G Service Management Requirements &amp; Framework</b>					
Rel-5	<i>current version:</i> 0.1.3	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey	BT Group Plc	
	<i>freeze_meeting:</i> SP-14		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
	draft 01/08/2000 0 . 1 . 0	originally Rel-4.	<a href="#">get it</a>	<i>remarks - general:</i>		
	draft 27/06/2001 0 . 1 . 3		<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 32.225</b>	<b>Telecom management; Charging management; Charging data description for the IMS domain</b>				
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i>		
	<i>freeze_meeting:</i>	G: U: yes	MCC:	ZOICAS, Adrian	
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i>
					<i>remarks - this release: .</i>

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<b>TS 32.625</b>	<b>3G Configuration Management; Generic network resources IRP: Bulk CM XML file format definition</b>				
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i>	BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	MCC:	SULTAN, Alain	
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i>
					<i>remarks - this release: .</i>

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<b>TS 32.645</b>	<b>3G Configuration Management; UTRAN network resources IRP: Bulk CM XML file format definition</b>				
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i>	BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-12	G: U: yes	MCC:	SULTAN, Alain	
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i>
					<i>remarks - this release: .</i>

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<b>TS 32.655</b>	<b>3G Configuration Management; GERAN network resources IRP: Bulk CM XML file format definition</b>				
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i>	BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	MCC:	SULTAN, Alain	
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i>
					<i>remarks - this release: .</i>

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<b>TS 32.661</b>	<b>3G configuration management; Kernel CM requirements</b>				
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i>	WILBER, John	
	<i>freeze_meeting:</i> SP-18	G: U: yes	MCC:	SULTAN, Alain	
	<i>history (event, available, version,</i>				
					<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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**TS 32.662 3G configuration management; Kernel CM information service**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-18  
*history (event, available, version,*

*WG (prime / other):* S2 / *rapporteur:* WILBER, John  
*G:* *U:* yes *MCC:* SULTAN, Alain

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

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

Rel-5 *current version:* none  
*freeze\_meeting:* SP-18  
*history (event, available, version,*

*WG (prime / other):* S2 / *rapporteur:* WILBER, John  
*G:* *U:* yes *MCC:* SULTAN, Alain

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

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

Rel-5 *current version:* none  
*freeze\_meeting:* SP-18  
*history (event, available, version,*

*WG (prime / other):* S2 / *rapporteur:* WILBER, John  
*G:* *U:* yes *MCC:* SULTAN, Alain

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

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**TR 32.802 3G telecom management: User Equipment (UE) management feasibility study**

Rel-5 *current version:* 0.0.2 DRAFT  
*freeze\_meeting:* SP-15  
*history (event, available, version,*  
SP-13 01/10/2001 0 . 0 . 2 TP-010213 (!)

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

[get it](#)

*remarks - general:* SP-13: S5 claims to have a draft of this otherwise unknown document.  
*remarks - this release:* .

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

**TS 33.106 Lawful interception requirements**  
 Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
 SP-11 04/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* TSG#11:5.0.0

**TS 33.107 3G security; Lawful interception architecture and functions**  
 Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT  
*freeze\_meeting:* *G:* *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
 SP-12 04/07/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

**TS 33.108 Handover interface for Lawful Interception**  
 Rel-5 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT  
*freeze\_meeting:* *G:* *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
*remarks - general:* 2001-12-04 Title changed from "Lawful Interception; Interface between core  
*remarks - this release:* . network and law agency equipment" (Berthold.Wilhelm@RegTP.de).

**TS 33.201 Access domain security**  
 Rel-5 *current version:* none *WG (prime / other):* S3 / *rapporteur:* POPE, Maurice ETSI Secretariat  
*freeze\_meeting:* SP-14 *G:* *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

**TS 33.203 Access Security for IP based services**  
 Rel-5 *current version:* 0.4.0 DRAFT *WG (prime / other):* S3 / *rapporteur:* BOMAN, Krister Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
 SP-13 03/10/2001 0 . 4 . 0 anticipate v2.0.0 at SP-15 [get it](#) *remarks - general:*  
*remarks - this release:*

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**TS 33.210 Network Domain Security - IP**

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

*WG (prime / other):* S3 / - *rapporteur:* KOIEN, Geir Telenor AS  
*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).  
*remarks - this release:*

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**TR 33.800 Principles for Network Domain Security**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-14  
*history (event, available, version,*

*WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian Hutchison 3G UK Limited  
*G:* *U:* yes *MCC:* POPE, Maurice

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

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**TR 33.900 Guide to 3G security**

Rel-5 *current version:* 0.4.1 DRAFT  
*freeze\_meeting:*  
*history (event, available, version,*  
draft 0 . 4 . 1

*WG (prime / other):* S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry  
*G:* *U:* yes *MCC:* POPE, Maurice

*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:* SP-14  
*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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G = required in systems with GERAN acces; U = required in systems with UMTS

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<b>TS 41.103</b>	<b>GSM Release 5 specifications</b>						
Rel-5	current version: 1.0.0		DRAFT	WG (prime / other): SP / -	rapporteur: MEREDITH, John M	ETSI Secretariat	
	freeze_meeting: SP-14			G: yes U:	MCC: POPE, Maurice		
	history (event, available, version,						
	SP-12	0 . 0 . 0	SP-010278			remarks - general:	
	SP-12 05/07/2001	0 . 1 . 0	SP-010384			remarks - this release: .	
	SP-13 01/10/2001	1 . 0 . 0	SP-010421				

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<b>TS 42.019</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API); Stage 1</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	Schlumberger Systemes S.A.	
	<i>freeze_meeting:</i> TP-12	<i>G: yes U:</i>	<i>MCC:</i> SANDERS, Michael		
<i>history (event, available, version,</i>	TP-12 06/07/2001 5 . 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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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)

**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 43.019 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* T3 / - *rapporteur:* DIETRICH, Christian Schlumberger Systemes S.A.  
*freeze\_meeting:* TP-14 *G: yes U:* *MCC:* SANDERS, Michael  
*history (event, available, version,*  
TP-12 12/11/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
fix annexed library 21/11/2001 5 . 0 . 1 [get it](#) *remarks - this release:* .  
*file*

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**TS 43.050 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System**

Rel-5 *current version:* 5.0.0 *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 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* TSG#11:5.0.0

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation  
*freeze\_meeting:* SP-14 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-03 15/02/2001 5 . 0 . 0 [get it](#) *remarks - general:* Originally created as 03.51r00  
GP-04 20/04/2001 5 . 1 . 0 [get it](#) *remarks - this release:* Created after TSG#8.  
GP-05 28/06/2001 5 . 2 . 0 [get it](#)  
GP-06 01/10/2001 5 . 3 . 0 [get it](#)

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* GP / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation  
*freeze\_meeting:* SP-14 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-06 01/10/2001 5 . 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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[http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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

Rel-5 *current version:* none  
*freeze\_meeting:* SP-14  
*history (event, available, version,*

*WG (prime / other):* G2 / *rapporteur:* GUARINO, Bernard  
*G: yes U:* *MCC:* THOMASEN, Gert

AT&T Wireless Services, Inc.

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

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

## 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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<b>TS 44.004</b>	<b>Layer 1 - General Requirements</b>					
Rel-5	current version: 5.0.0	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG		
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	GP-06 15/11/2001 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			
<hr/>						
<b>TS 44.018</b>	<b>Mobile radio interface layer 3 specification; Radio Resource Control Protocol</b>					
Rel-5	current version: 5.2.0	WG (prime / other): G2 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd		
	freeze_meeting: SP-14	G: yes U:	MCC: 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>				
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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-5	current version: 5.0.0	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)		
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert			
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	GP-06 14/09/2001 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			
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<b>TS 44.118</b>	<b>Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol Iu mode</b>					
Rel-5	current version: none	WG (prime / other): G2 /	rapporteur: VIRTEJ, IULIANA	NOKIA Corporation		
	freeze_meeting: GP-09	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
			remarks - general:			
			remarks - this release: .			

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## 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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<b>TS 45.001</b>	<b>Physical Layer on the Radio Path (General Description)</b>				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES	
	<i>freeze_meeting:</i> SP-14	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	GP-03 15/02/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	GP-06 01/10/2001 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>					
<b>TS 45.002</b>	<b>Multiplexing and Multiple Access on the Radio Path</b>				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-14	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	GP-03 15/02/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	edito 27/02/2001 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>		
	GP-04 20/04/2001 5 . 1 . 0	<a href="#">get it</a>			
	GP-06 01/10/2001 5 . 2 . 0	<a href="#">get it</a>			
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<b>TS 45.003</b>	<b>Channel coding</b>				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-14	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	GP-03 06/02/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	GP-05 28/06/2001 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	GP-06 01/10/2001 5 . 2 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 45.005</b>	<b>Radio transmission and reception</b>				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SAMUELSSON, Mats		
	<i>freeze_meeting:</i> GP-05	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	GP-05 28/06/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	GP-06 01/10/2001 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		

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## TS 45.008 Radio subsystem link control

Rel-5 *current version:* 5.3.0

*freeze\_meeting:* SP-14

*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

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

GP-04 20/04/2001 5 . 1 . 0

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

GP-05 28/06/2001 5 . 2 . 0

[get it](#)

GP-06 01/10/2001 5 . 3 . 0

[get it](#)

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## TS 45.009 Link adaptation

Rel-5 *current version:* 5.1.0

*freeze\_meeting:* SP-14

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

MOTOROLA A/S

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

*history (event, available, version,*

GP-03 06/02/2001 5 . 0 . 0

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

GP-06 01/10/2001 5 . 1 . 0

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

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**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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<b>TS 48.002</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-14		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
<i>history (event, available, version,</i>					
GP-04 05/10/2001 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 48.008</b>	<b>Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-14		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
<i>history (event, available, version,</i>					
GP-04 04/05/2001 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
GP-05 19/06/2001 5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .		
GP-06 14/09/2001 5 . 2 . 0		<a href="#">get it</a>			
<hr/>					
<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	<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>		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
<i>history (event, available, version,</i>					
GP-06 14/09/2001 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 48.018</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> SP-14		THOMASEN, Gert		
		G: yes U:	MCC:		
<i>history (event, available, version,</i>					
GP-06 10/09/2001 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* SP-14 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](#)

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



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**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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<b>TS 49.031</b>	<b>Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)</b>				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i>		Peter Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version,</i>				<i>remarks - general:</i>	
GP-06	5 . 0 . 0			<i>remarks - this release: .</i>	
edito 03/10/2001	5 . 0 . 1	<a href="#">get it</a>			

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Rel-4

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[http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

**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 21.102</b>	<b>3rd Generation mobile system Release 4 specifications</b>					
Rel-4	<i>current version:</i> 4.2.0	WG (prime / other):	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-08 30/06/2000			<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-10 04/01/2001			<a href="#">get it</a>	<i>remarks - this release:</i>	
	SP-11 11/04/2001			<a href="#">get it</a>		
	SP-12 05/07/2001			<a href="#">get it</a>		
	SP-13 01/10/2001			<a href="#">get it</a>		
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	4 . 2 . 0					
<b>TS 21.111</b>	<b>USIM and IC card requirements</b>					
Rel-4	<i>current version:</i> 4.0.0	WG (prime / other):	T3 / -	<i>rapporteur:</i>	KALINER, Stefan	Deutsche Telekom MobilNet GmbH
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	SANDERS, Michael	
	<i>history (event, available, version,</i>					
	TP-11 09/04/2001			<a href="#">get it</a>	<i>remarks - general:</i>	
	4 . 0 . 0				<i>remarks - this release:</i>	
<b>TS 21.133</b>	<b>Security threats and requirements</b>					
Rel-4	<i>current version:</i> 4.0.0	WG (prime / other):	S3 / -	<i>rapporteur:</i>	CHRISTOFFERSSON, Per	TELIA AB
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>					
	SP-11 09/04/2001			<a href="#">get it</a>	<i>remarks - general:</i>	
	4 . 0 . 0				<i>remarks - this release:</i>	
<b>TR 21.801</b>	<b>Specification drafting rules</b>					
Rel-4	<i>current version:</i> 4.2.0	WG (prime / other):	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			<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-08 30/06/2000			<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			<a href="#">get it</a>		
	SP-13 01/10/2001			<a href="#">get it</a>		
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	4 . 0 . 0					
	4 . 1 . 0					
	4 . 2 . 0					

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

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## TR 21.900 Technical Specification Group working methods

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

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G:* *U:* yes *MCC:* POPE, Maurice  
[get it](#) *remarks - general:*  
*remarks - this release:*

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## TR 21.905 Vocabulary for 3GPP Specifications

Rel-4 *current version:* 4.4.0  
*freeze\_meeting:* SP-11  
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SP-09 18/10/2000 4 . 0 . 0  
SP-10 08/01/2001 4 . 1 . 0  
SP-11 02/04/2001 4 . 2 . 0  
SP-12 27/06/2001 4 . 3 . 0  
SP-13 05/10/2001 4 . 4 . 0

*WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele One 2 One Personal Communications Limited  
*G:* *U:* yes *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* Absorbs 01.04.  
[get it](#)  
[get it](#)

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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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<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> 4.2.0	<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-09 18/10/2000	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#5			
	SP-10 08/01/2001	<a href="#">get it</a>	<i>remarks - this release:</i>			
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	SP-12 27/06/2001	<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	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-11 02/04/2001	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-12 27/06/2001	<a href="#">get it</a>				
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	4 . 2 . 0					
<hr/>						
<b>TS 22.003</b>	<b>Circuit Teleservices 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> 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	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#5			
	SP-10 08/01/2001	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-12 27/06/2001	<a href="#">get it</a>				
	4 . 0 . 0					
	4 . 1 . 0					
	4 . 2 . 0					
<hr/>						
<b>TS 22.004</b>	<b>General on Supplementary Services</b>					
Rel-4	<i>current version:</i> 4.0.0	<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	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	4 . 0 . 0		<i>remarks - this release:</i>			

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<b>TS 22.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>					
Rel-4	current version: 4.0.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael	
history (event, available, version,						
SP-11 02/04/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	Transfer>TSG#4		
			remarks - this release:			
<hr/>						
<b>TS 22.038</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:			
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<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), stage 1</b>					
Rel-4	current version: 4.0.0	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		
			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:	SANDERS, Michael	
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:	.		

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<b>TS 22.053</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	draft 23/04/1999 0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4.			
	SP-03 23/04/1999 0 . 1 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>				
	edito 01/10/2001 4 . 0 . 1	<a href="#">get it</a>				
<hr/>						
<b>TS 22.057</b>	<b>Mobile Execution Environment (MExE); Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-09 18/10/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution			
			<i>remarks - this release:</i> Environment (MExE); Stage 1".			
<hr/>						
<b>TS 22.060</b>	<b>General Packet Radio Service (GPRS); Service description; Stage 1</b>					
Rel-4	<i>current version:</i> 4.2.0	<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-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>				
<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> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-10 08/01/2001 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 22.071</b>	<b>Location Services (LCS); Stage 1</b>								
Rel-4	<i>current version:</i> 4.3.0			<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>					
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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	Deutsche Telekom MobilNet GmbH			
	<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> 4.3.0			<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> Transfer>TSG#4				
	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>					
<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> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> AHNBERG, Tomas		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-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 22.082</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>					
Rel-4	<i>current version:</i> 4.1.0	<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>			
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<b>TS 22.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<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>			
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<b>TS 22.084</b>	<b>MultiParty (MPTY) 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	<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 22.085</b>	<b>Closed User Group (CUG) 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>			

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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			Deutsche Telekom MobilNet GmbH
	<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> 4.0.0	<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 22.090</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	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 22.094</b>	<b>Follow Me service description - Stage 1</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	BERGMANN, Ansgar	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. GSM only @TSG#5				
					<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	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 22.097</b>	<b>Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1</b>								
Rel-4	<i>current version:</i> 4.0.0	<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>				

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<b>TS 22.101</b>	<b>Service aspects; Service principles</b>								
Rel-4	<i>current version:</i> 4.5.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-08 28/06/2000	4 . 0 . 0	based on 3.9.0	<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-09 18/10/2000	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> based on 3.9.0				
	SP-10 08/01/2001	4 . 2 . 0		<a href="#">get it</a>					
	SP-11 02/04/2001	4 . 3 . 0		<a href="#">get it</a>					
	SP-12 27/06/2001	4 . 4 . 0		<a href="#">get it</a>					
	spelling 31/07/2001	4 . 4 . 1		<a href="#">get it</a>					
	SP-13 05/10/2001	4 . 5 . 0		<a href="#">get it</a>					

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<b>TS 22.105</b>	<b>Services &amp; service capabilities</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:</i> U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-09 18/10/2000	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-10 08/01/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> TSG#7: 3.8.0 TSG#8:3.9.0 TSG#9:4.0.0 TSG#10:4.1.0				
	SP-12 27/06/2001	4 . 2 . 0		<a href="#">get it</a>					

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<b>TS 22.115</b>	<b>Service Aspects Charging and billing</b>								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MONTEGROSSO, Emanuele				TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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<b>TS 22.121</b>	<b>Service aspects; The Virtual Home Environment; Stage 1</b>								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke				FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-04 18/10/2000	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Former title: "Provision of Services in UMTS - The Virtual Home Environment;				
	SP-11 02/04/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> Stage 1"				

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



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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version,*  
draft 0 . 1 . 0 *remarks - general:*  
draft 0 . 2 . 0 *remarks - this release:* TSG#9: 1.0.0 noted. TSG#10:SP-000551=2.0.0 TSG#10:4.0.0 TSG#11:4.1.0  
draft 0 . 3 . 0  
draft 0 . 4 . 0  
draft 0 . 5 . 0  
SP-09 28/09/2000 1 . 0 . 0 [get it](#)  
draft 1 . 0 . 1  
draft 1 . 1 . 0  
draft 1 . 1 . 0  
draft 1 . 2 . 0  
SP-10 2 . 0 . 0 SP-000551  
SP-10 12/01/2001 4 . 0 . 0 [get it](#)  
SP-11 02/04/2001 4 . 1 . 0 [get it](#)  
SP-12 27/06/2001 4 . 2 . 0 [get it](#)

## TS 22.129 Handover Requirements between UMTS and GERAN or other Radio Systems

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* SAMPSON, Nick ORANGE PCS LTD  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version,*  
SP-09 18/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
SP-10 08/01/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-11 02/04/2001 4 . 2 . 0 [get it](#)  
SP-12 27/06/2001 4 . 3 . 0 [get it](#)

## TS 22.135 Multicall; Service description; Stage 1

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael

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

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

Rel-4 *current version:* 4.1.0 *freeze\_meeting:* SP-11  
*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  
SP-08 28/06/2000 4 . 0 . 1  
SP-11 02/04/2001 4 . 1 . 0

*WG (prime / other):* S1 / - *rapporteur:* LAUMEN, Josef SIEMENS AG  
*G:* *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* (development in T2)  
[get it](#) *remarks - this release:* based on 3.0.0 TSG#8:4.0.0 TSG#11:4.1.0  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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## TR 22.976 Study on PS domain services and capabilities

Rel-4 *current version:* 2.0.0 DRAFT  
*freeze\_meeting:*  
*history (event, available, version,*  
SP-07 17/03/2000 1 . 0 . 0 SP-000073  
draft 09/05/2000 1 . 4 . 0  
SP-08 28/06/2000 2 . 0 . 0

*WG (prime / other):* S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*G:* *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* Created Jan-00  
[get it](#) *remarks - this release:* TSG#7:(SP-000073) 1.0.0 TSG#8:2.0.0. 2001-12-04: Rel4->Rel-5 (Clayton).  
[get it](#)

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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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<b>TS 23.002</b>	<b>Network Architecture</b>				
Rel-4	current version: 4.3.0	WG (prime / other): S2 / -	rapporteur: SULTAN, Alain	ETSI Secretariat	
	freeze_meeting: SP-11	G: yes U: yes	MCC: SULTAN, Alain		
	history (event, available, version,				
	SP-09 18/10/2000	<a href="#">get it</a>	remarks - general: Transfer>TSG#4,CR at TSG#5		
	SP-10 21/12/2000	<a href="#">get it</a>	remarks - this release:		
	SP-11 06/04/2001	<a href="#">get it</a>			
	SP-12 29/06/2001	<a href="#">get it</a>			
	4 . 0 . 0				
	4 . 1 . 0				
	4 . 2 . 0				
	4 . 3 . 0				
<hr/>					
<b>TS 23.003</b>	<b>Numbering, Addressing and Identification</b>				
Rel-4	current version: 4.2.0	WG (prime / other): N4 / -	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB	
	freeze_meeting: SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	NP-11 02/04/2001	<a href="#">get it</a>	remarks - general:		
	NP-12 27/06/2001	<a href="#">get it</a>	remarks - this release:		
	NP-13 03/10/2001	<a href="#">get it</a>			
	4 . 0 . 0				
	4 . 1 . 0				
	4 . 2 . 0				
<hr/>					
<b>TS 23.007</b>	<b>Restoration procedures</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 04/04/2001	<a href="#">get it</a>	remarks - general:		
			remarks - this release:		
	4 . 0 . 0				
<hr/>					
<b>TS 23.008</b>	<b>Organisation of subscriber data</b>				
Rel-4	current version: 4.1.0	WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG	
	freeze_meeting: SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	NP-11		remarks - general:		
	NP-12 27/06/2001	<a href="#">get it</a>	remarks - this release:		
	4 . 0 . 0				
	4 . 1 . 0				

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<b>TS 23.016</b>	<b>Subscriber data management; Stage 2</b>				
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 30/03/2001 4 . 0 . 0			<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>					
<b>TS 23.018</b>	<b>Basic Call Handling; Technical realization</b>				
Rel-4	current version: 4.4.0	WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE Group Plc	
	freeze_meeting: SP-11	G: yes U: yes	Chalmers		
	history (event, available, version, NP-09 25/10/2000 4 . 0 . 0		MCC: KYMALAINEN, Kimmo		
	NP-10 21/12/2000 4 . 1 . 0			<a href="#">get it</a>	remarks - general:
	NP-11 06/04/2001 4 . 2 . 0			<a href="#">get it</a>	remarks - this release:
	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>	
<hr/>					
<b>TS 23.032</b>	<b>Universal Geographical Area Description (GAD)</b>				
Rel-4	current version: 4.0.0	WG (prime / other): S2 / -	rapporteur: HIETALAHTI, Hannu	NOKIA Corporation	
	freeze_meeting: SP-11	G: yes U: yes	MCC: SULTAN, Alain		
	history (event, available, version, SP-11 11/04/2001 4 . 0 . 0			<a href="#">get it</a>	remarks - general: S2 responsibility? remarks - this release:
<hr/>					
<b>TS 23.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 2</b>				
Rel-4	current version: 4.0.0	WG (prime / other): N1 / -	rapporteur: TEKBULUT, Haluk	NOKIA Corporation	
	freeze_meeting: SP-11	G: yes U: yes	MCC: JORGENSEN, Per Johan		
	history (event, available, version, NP-11 11/04/2001 4 . 0 . 0			<a href="#">get it</a>	remarks - general: remarks - this release:

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## TS 23.038 Alphabets and language-specific information

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian VODAFONE Group Plc  
*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 TSG#8:4.0.0 TSG#10:4.1.0 TSG#11:4.2.0  
TP-11 29/03/2001 4 . 2 . 0 [get it](#)  
TP-13 03/10/2001 4 . 3 . 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 VODAFONE Group Plc  
*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:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian VODAFONE Group Plc  
*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](#)

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian VODAFONE Group Plc  
*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:*

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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	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		MCC:	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> 4.1.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	BARNES, Nigel	MOTOROLA Ltd	
	<i>freeze_meeting:</i> TP-12	G: yes U: yes		MCC:	SANDERS, Michael		
	<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-13 12/10/2001 4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	.	
<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		MCC:	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> 4.3.1	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	CATALDO, Mark	Openwave Systems (N.I.) Ltd	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		MCC:	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>			

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<b>TS 23.060</b>	<b>General Packet Radio Service (GPRS) Service description; Stage 2</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DELECKI, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> SULTAN, Alain			
	<i>history (event, available, version,</i>					
	SP-11 06/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-12 29/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-13 12/10/2001 4 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 23.066</b>	<b>Support of GSM Mobile Number Portability (MNP) stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> LOPEZ SORIA, Luis	ERICSSON ESPANA S.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 23.067</b>	<b>Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2</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	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-10 21/12/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	NP-12 27/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> . TSG#10:4.0.0			
<hr/>						
<b>TS 23.072</b>	<b>Call Deflection Supplementary Service; Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	Deutsche Telekom MobilNet GmbH		
	<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 23.073</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	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. 2001-10-09 Rapporteur changed from Ch Homann.			
			<i>remarks - this release:</i>			

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<b>TS 23.078</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 3 - Stage 2</b>					
Rel-4	current version: 4.2.0	WG (prime / other): N2 / -	rapporteur: HOMANN, Christian	ALCATEL SEL AG		
	freeze_meeting: SP-11	G: yes U: yes	MCC: JURISIC, Andrijana			
history (event, available, version,						
NP-11	02/04/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	CR at TSG#4,CR at TSG#5	
NP-12	29/06/2001	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
NP-13	03/10/2001	4 . 2 . 0	<a href="#">get it</a>			
<hr/>						
<b>TS 23.079</b>	<b>Support of Optimal Routeing (SOR); Technical realization; Stage 2</b>					
Rel-4	current version: 4.0.0	WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE Group Plc		
	freeze_meeting: SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
history (event, available, version,						
NP-11	04/04/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	CR at TSG#4,CR at TSG#5	
				remarks - this release:	.	
<hr/>						
<b>TS 23.081</b>	<b>Line Identification supplementary services; Stage 2</b>					
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	<a href="#">get it</a>	remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 23.082</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>					
Rel-4	current version: 4.2.0	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	<a href="#">get it</a>	remarks - general:		
NP-12	27/06/2001	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
NP-13	03/10/2001	4 . 2 . 0	<a href="#">get it</a>			
<hr/>						
<b>TS 23.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2</b>					
Rel-4	current version: 4.2.0	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:	TSG#9:4.0.0 TSG#11:4.1.0, later 4.2.0 due to missed CR.	
inclusion of	24/04/2001	4 . 2 . 0	<a href="#">get it</a>			
missed CR						

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<b>TS 23.084</b>	<b>MultiParty (MPTY) Supplementary Service; Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	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 23.085</b>	<b>Closed User Group (CUG) Supplementary Service; Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> 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 23.086</b>	<b>Advice of Charge (AoC) Supplementary Service; Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> 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 23.087</b>	<b>User-to-User Signalling (UUS) supplementary service; Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> 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 23.088</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>

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<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> . TSG#11:4.0.0			
<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>			
<hr/>						
<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>			

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<b>TS 23.097</b>	<b>Multiple Subscriber Profile (MSP) Phase 1; Stage 2</b>						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HEWSON, Ruth	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5				
			<i>remarks - this release:</i>				
<hr/>							
<b>TS 23.101</b>	<b>General UMTS Architecture</b>						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OLSSON, Magnus	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>						
	SP-11 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
<b>TS 23.107</b>	<b>Quality of Service (QoS) concept and architecture</b>						
Rel-4	<i>current version:</i> 4.2.0	<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> TSG#11:4.1.0 was an error. No CR at TSG#11 in fact.				
	SP-13 12/10/2001 4 . 2 . 0	<a href="#">get it</a>					
<hr/>							
<b>TS 23.108</b>	<b>Mobile Radio Interface Layer 3 specification Core Network Protocols stage 2 (structured procedures)</b>						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>						
	NP-11 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
<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	MOTOROLA GmbH			
	<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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<b>TS 23.116</b>	<b>Super-Charger technical realization; Stage 2</b>								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ALLEN, Nicholas				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	New after TSG#5
	NP-12 27/06/2001	4	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	
<hr/>									
<b>TS 23.119</b>	<b>Gateway Location Register (GLR); Stage2</b>								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SAWADA, Masahiro				NTT DoCoMo Inc.
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	New after TSG#5
								<i>remarks - this release:</i>	
<hr/>									
<b>TS 23.122</b>	<b>Non-Access-Stratum functions related to Mobile Station (MS) in idle mode</b>								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu				NOKIA Corporation
	<i>freeze_meeting:</i> SP-11			<i>G:</i> <i>U:</i> yes	<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-12 05/07/2001	4	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	
<hr/>									
<b>TS 23.127</b>	<b>Virtual Home Environment; Stage 2</b>								
Rel-4	<i>current version:</i> 4.2.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GOURRAUD,				ERICSSON RESEARCH CANADA
	<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-09 06/11/2000	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	Sept 00: "Open Service Architecture" removed from title.
	SP-11 06/04/2001	4	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	TSG#7:2.0.0 (SP-000089) 3.0.0 TSG#8:3.1.0 TSG#9:4.0.0 TSG#11:4.1.0
	SP-12 29/06/2001	4	.	2	.	0	<a href="#">get it</a>		
<hr/>									
<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 Communications Ware Corporation
	<i>freeze_meeting:</i> SP-11			<i>G:</i> <i>U:</i> 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>	TSG#7:1.1.0->3.0.0 3.0.0 TSG#8:3.1.0 TSG#9:4.0.0

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<b>TS 23.140</b>	<b>Multimedia Messaging Service (MMS); Functional description; Stage 2</b>								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> LAUMEN, Josef	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	RODERMUND, Friedhelm					
	<i>history (event, available, version,</i>								
	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>						
<hr/>									
<b>TS 23.146</b>	<b>Technical realisation of facsimile Group 3 service - non-transparent</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HAGIWARA, Junichiro	NTT DoCoMo Inc.					
	<i>freeze_meeting:</i> SP-11	<i>G:</i> <i>U:</i> yes	<i>MCC:</i>	BOSWARTHICK, David					
	<i>history (event, available, version,</i>								
	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:				
	N3-10 25/05/2000	2 . 0 . 0	<a href="#">get it</a>		2.0.0 TSG#8:4.0.0 (2.0.0) TSG#9:4.1.0				
	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>						
<hr/>									
<b>TS 23.153</b>	<b>Out of Band Transcoder Control; 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-10	<i>G:</i> <i>U:</i> yes	<i>MCC:</i>	KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	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>					
	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>						

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## TS 23.271 Functional stage 2 description of location services

Rel-4 *current version:* 4.3.0 *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](#)

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## 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:*

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## 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 ERICSSON Eurolab Deutschland GmbH  
*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:* TSG#10:1.0.0=SP-000597 TSG#10:1.0.0 TSG#11:4.0.0  
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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<b>TR 23.874</b>	<b>Feasibility study of architecture for network requested PDP context activation with User-ID</b>								
Rel-4	current version: 1.3.0	DRAFT	WG (prime / other): S2 / -	rapporteur: KITADA, Yoshinori	NTT Communications Ware 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						<a href="#">get it</a>	
								<a href="#">get it</a>	
<hr/>									
<b>TR 23.907</b>	<b>Quality of Service concept</b>								
Rel-4	current version: 1.2.0	DRAFT	WG (prime / other): S1 /	rapporteur: VACANT,					
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	draft 15/11/1998	0 . 1 . 0					remarks - general:		
	draft 15/01/1999	0 . 2 . 0					remarks - this release: .		
	draft 15/04/1999	0 . 3 . 0						<a href="#">get it</a>	
	draft 30/04/1999	0 . 4 . 0						<a href="#">get it</a>	
	draft 15/05/1999	0 . 5 . 0						<a href="#">get it</a>	
	S2-05 30/05/1999	1 . 0 . 0						<a href="#">get it</a>	
	draft 30/06/1999	1 . 1 . 0						<a href="#">get it</a>	
	draft 15/07/1999	1 . 2 . 0						<a href="#">get it</a>	
<hr/>									
<b>TR 23.908</b>	<b>Technical report on Pre-Paging</b>								
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					remarks - general:		
							remarks - this release:		
<hr/>									
<b>TR 23.909</b>	<b>Technical report on the Gateway Location Register</b>								
Rel-4	current version: 4.0.0		WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE Group Plc				
	freeze_meeting: SP-11		G: yes U: yes	MCC: Chalmers					
	history (event, available, version,			MCC: KYMALAINEN, Kimmo					
	NP-11 04/04/2001	4 . 0 . 0					remarks - general:		
							remarks - this release:		

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<b>TR 23.910</b>	<b>Circuit switched data bearer services</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIJK, Rune Werner	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-09 18/10/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)			
	edito 24/10/2000 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> TSG#6: 1.0.0 TSG#7:2.0.0->3.0.0 TSG#8:3.1.0 TSG#9:4.0.0 TSG#10:4.1.0			
			TSG#11:4.2.0			
	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>				

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<b>TR 23.911</b>	<b>Technical report on Out-of-band transcoder control</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	ETSI Secretariat		
	<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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<b>TR 23.912</b>	<b>Technical report on Super-Charger</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<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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<b>TR 23.925</b>	<b>UMTS Core network based ATM transport</b>					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROUZ, Adel	FUJITSU Laboratories of Europe Limited		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> SULTAN, Alain			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i> Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.			
			<i>remarks - this release:</i>			

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<b>TR 23.930</b>	<b>Iu Principles</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND		
	<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>			

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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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<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>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-11				Peter Skov				
			<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> JORGENSEN, Per Johan				
<i>history (event, available, version,</i>									
NP-11 06/04/2001	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 24.007</b>	<b>Mobile radio interface signalling layer 3; General Aspects</b>								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd			
	<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			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 24.008</b>	<b>Mobile radio interface Layer 3 specification; Core network protocols; Stage 3</b>								
Rel-4	<i>current version:</i> 4.4.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd			
	<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-09 12/10/2000	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to				
NP-10 03/01/2001	4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> be resolved till Jun00.				
edito 09/01/2001	4 . 1 . 1			<a href="#">get it</a>					
NP-11 06/04/2001	4 . 2 . 0			<a href="#">get it</a>					
edito 06/07/2001	4 . 2 . 1	replaces missing section of table		<a href="#">get it</a>					
NP-12 13/07/2001	4 . 3 . 0			<a href="#">get it</a>					
NP-13 04/10/2001	4 . 4 . 0			<a href="#">get it</a>					
<hr/>									
<b>TS 24.010</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects</b>								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-11				Peter Skov				
			<i>G:</i> yes <i>U:</i> 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-13 03/10/2001	4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>				

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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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> SP-11		Peter Skov						
	<i>history (event, available, version,</i>	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan						
	NP-11 06/04/2001 4 . 0 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i>						
<hr/>									
<b>TS 24.022</b>	<b>Radio Link Protocol (RLP) for circuit switched bearer and teleservices</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	NP-11 06/04/2001 4 . 0 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i> CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link						
			<i>remarks - this release:</i> Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and						
			the Base Station System - Mobile-services Switching Centre (BSS-MS)						
<hr/>									
<b>TS 24.030</b>	<b>Location Services LCS Stage 3 SS (MO-LR)</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> SP-11	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-11 30/03/2001 4 . 0 . 0								
	NP-12 27/06/2001 4 . 1 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i> TSG#7: txfrd from SMG to 3GPP for R99.						
		<a href="#">get it</a>	<i>remarks - this release:</i>						
<hr/>									
<b>TS 24.067</b>	<b>Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PERLICK, Vivien	SAGEM Group					
	<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								
	NP-12 27/06/2001 4 . 1 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i>						
		<a href="#">get it</a>	<i>remarks - this release:</i>						
<hr/>									
<b>TS 24.072</b>	<b>Call Deflection Supplementary Service; Stage 3</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</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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<b>TS 24.080</b>	<b>Mobile radio Layer 3 Supplementary Service specification - Formats and coding</b>					
Rel-4	<i>current version:</i> 4.1.0	<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>			
	NP-12 04/07/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<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	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 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	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 24.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3</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 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 24.084</b>	<b>MultiParty (MPTY) Supplementary Service; Stage 3</b>					
Rel-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 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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<b>TS 24.085</b>	<b>Closed User Group (CUG) Supplementary Service; Stage 3</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:
<hr/>						
<b>TS 24.086</b>	<b>Advice of Charge (AoC) Supplementary Service; Stage 3</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:
<hr/>						
<b>TS 24.087</b>	<b>User-to-User Signalling (UUS); Stage 3</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:
<hr/>						
<b>TS 24.088</b>	<b>Call Barring (CB) Supplementary Service; Stage 3</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:
<hr/>						
<b>TS 24.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 3</b>					
Rel-4	current version: 4.0.0	WG (prime / other):	N4 / -	rapporteur:	BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH
	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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**TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3**

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:* RUSSELL, Nick VODAFONE Group Plc  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

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

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

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 24.096 Name Identification Supplementary Service; Stage 3**

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 24.135 Multicall supplementary service; Stage 3**

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:* MITAMURA, Kazuo NTT Communications Ware Corporation  
*G: U: yes* *MCC:* KYMALAINEN, Kimmo

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

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 03/10/2001 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
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](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 03/10/2001 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
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 25.106 UTRA Repeater; Radio transmission and reception

Rel-4 *current version:* 4.1.0 *WG (prime / other):* R4 / - *rapporteur:* NILSSON, Martin ALLGON AB  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version,*  
Start of work 01/08/2000 0 . 0 . 1 [get it](#) *remarks - general:*  
RP-09 13/10/2000 1 . 0 . 0 [get it](#) *remarks - this release:*  
RP-10 21/12/2000 1 . 1 . 0 RP-000596 [get it](#)  
RP-11 10/04/2001 4 . 0 . 0 [get it](#)  
RP-13 10/10/2001 4 . 1 . 0 [get it](#)

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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:* 4.2.0 *WG (prime / other):* R4 / - *rapporteur:* RONCHINI, M. Cristina Telecom Italia Lab 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](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R4 / - *rapporteur:* RONCHINI, M. Cristina Telecom Italia Lab 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](#)

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



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<b>TS 25.211</b>	<b>Physical channels and mapping of transport channels onto physical channels (FDD)</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILDE, Andreas	Telefon AB LM Ericsson		
	<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>				
<b>TS 25.212</b>	<b>Multiplexing and channel coding (FDD)</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TANAKA, Yoshinori	FUJITSU Laboratories of Europe Limited		
	<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>				
<b>TS 25.213</b>	<b>Spreading and modulation (FDD)</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CHAMBERS, Peter	SIEMENS AG		
	<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>			
<b>TS 25.214</b>	<b>Physical layer procedures (FDD)</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	ETSI Secretariat		
	<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>				
<b>TS 25.215</b>	<b>Physical layer; Measurements (FDD)</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	ETSI Secretariat		
	<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>				

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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> 4.2.0	<i>WG (prime / other):</i> 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>					

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<b>TS 25.222</b>	<b>Multiplexing and channel coding (TDD)</b>						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> 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>				

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<b>TS 25.223</b>	<b>Spreading and modulation (TDD)</b>						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i>				
	<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>					

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<b>TS 25.224</b>	<b>Physical layer procedures (TDD)</b>						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> OESTREICH, Stefan	SIEMENS AG			
	<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>					

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<b>TS 25.225</b>	<b>Physical layer; Measurements (TDD)</b>						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	ETSI Secretariat			
	<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>					

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<b>TS 25.301</b>	<b>Radio Interface Protocol Architecture</b>						
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> GRANZOW, Wolfgang	ERICSSON Eurolab Deutschland GmbH		
	<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>		
	RP-12 19/06/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>							
<b>TS 25.302</b>	<b>Services provided by the physical layer</b>						
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)		
	<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> V3.0.0 approved via e-mail July 99 CR at TSG#5?		
	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>			
<hr/>							
<b>TS 25.303</b>	<b>Interlayer procedures in Connected Mode</b>						
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> RINNE, Mikko J	Nokia Research Center		
	<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>		
	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>			
<hr/>							
<b>TS 25.304</b>	<b>UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode</b>						
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MAHKONEN, Marko	NOKIA Corporation		
	<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>		
	RP-12 27/06/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	RP-13 02/10/2001	4 . 2 . 0		<a href="#">get it</a>			
<hr/>							
<b>TS 25.305</b>	<b>Stage 2 functional specification of UE positioning in UTRAN</b>						
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)		
	<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> Created from 25.923		
	RP-12 19/06/2001	4 . 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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## TS 25.306 UE Radio Access capabilities definition

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*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:* Converted from TR 25.925 at TSG#10.  
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 02/10/2001 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.0.0 *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-13 02/10/2001 4 . 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.

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R2 / - *rapporteur:* GESSNER, Christina SIEMENS AG  
*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](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION  
*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 03/10/2001 4 . 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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**TS 25.323 Packet Data Convergence Protocol (PDCP) specification**

Rel-4 *current version:* 4.2.0  
*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

*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](#)

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**TS 25.324 Broadcast/Multicast Control (BMC)**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 27/03/2001 4 . 0 . 0

*WG (prime / other):* R2 / - *rapporteur:* KRISCHAN, Peter MANNESMANN Mobilfunk GmbH  
*G:* *U:* yes *MCC:* VAN DER VEEN, Hans  
[get it](#) *remarks - general:*  
*remarks - this release:*

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

Rel-4 *current version:* 4.2.1  
*freeze\_meeting:* SP-11  
*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

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

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**TS 25.401 UTRAN Overall Description**

Rel-4 *current version:* 4.2.0  
*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

*WG (prime / other):* R3 / - *rapporteur:* CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn  
[get it](#) *remarks - general:* Approval at TSG#5  
[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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<b>TS 25.402</b>	<b>Synchronisation in UTRAN Stage 2</b>					
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PIOLINI, Flavio		SIEMENS Information and Communication Networks SpA
	<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> New	
	RP-12 06/07/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	RP-13 12/10/2001	4 . 2 . 0		<a href="#">get it</a>		
<b>TS 25.410</b>	<b>UTRAN Iu Interface: General Aspects and Principles</b>					
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard		BT Group 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> Approval at TSG#5	
	RP-12 06/07/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	RP-13 12/10/2001	4 . 2 . 0		<a href="#">get it</a>		
<b>TS 25.411</b>	<b>UTRAN Iu interface Layer 1</b>					
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.		SIEMENS AG
	<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>	
<b>TS 25.412</b>	<b>UTRAN Iu interface signalling transport</b>					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran		RadioScape Limited
	<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>	
<b>TS 25.413</b>	<b>UTRAN Iu interface RANAP signalling</b>					
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> JUSSILA, Jyrki		NOKIA Corporation
	<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>		

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<b>TS 25.414</b>	<b>UTRAN Iu interface data transport &amp; transport signalling</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> COMSTOCK, David	Telefon AB LM Ericsson		
	<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-13 12/10/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 25.415</b>	<b>UTRAN Iu interface user plane protocols</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> MAUPIN, Alain	Telefon AB LM Ericsson		
	<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>				
<hr/>						
<b>TS 25.419</b>	<b>UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TAYLOR, Carolyn			
	<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>				
<hr/>						
<b>TS 25.420</b>	<b>UTRAN Iur Interface: General Aspects and Principles</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<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>			
<hr/>						
<b>TS 25.421</b>	<b>UTRAN Iur interface Layer 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	SIEMENS AG		
	<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>TS 25.427</b>	<b>UTRAN Iur and Iub interface user plane protocols for DCH data streams</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	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>		
<hr/>						
<b>TS 25.430</b>	<b>UTRAN Iub Interface: General Aspects and Principles</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	WILSON, Mick	FUJITSU Laboratories of Europe Limited
	<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>	
<hr/>						
<b>TS 25.431</b>	<b>UTRAN Iub interface Layer 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	BRANDT, Achim V.	SIEMENS AG
	<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>	
<hr/>						
<b>TS 25.432</b>	<b>UTRAN Iub interface signalling transport</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	WILSON, Mick	FUJITSU Laboratories of Europe Limited
	<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>	
<hr/>						
<b>TS 25.433</b>	<b>UTRAN Iub interface NBAP signalling</b>					
Rel-4	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	ISHIKAWA, Nobutaka	NTT DoCoMo Inc
	<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>		
	edito 23/10/2001		4 . 2 . 1	<a href="#">get it</a>		

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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> 4.1.0	<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>		
<hr/>							
<b>TS 25.435</b>	<b>UTRAN lub interface user plane protocols for CCH data streams</b>						
Rel-4	<i>current version:</i> 4.2.0	<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>			
<hr/>							
<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>		
<hr/>							
<b>TR 25.832</b>	<b>Manifestations of Handover and SRNS relocation</b>						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	TOWNEND, Richard	BT Group 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>		

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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:* TSG#10:RP-000556=2.0.0 TSG#10:4.0.0 TSG#11:4.1.0  
[get it](#)  
[get it](#)  
[get it](#)

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**TR 25.835 Report on hybrid ARQ type II/III**

Rel-4 *current version:* 1.0.0 DRAFT  
*freeze\_meeting:* tbd  
*history (event, available, version,*  
RP-09 16/10/2000 1 . 0 . 0

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

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

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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:* TSG#10:RP-000547=2.0.0. TSG#10:4.0.0 TSG#11:4.1.0

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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:* .

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**TR 25.838 Node B Synchronisation for TDD (lub/lur aspects)**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R3 / - *rapporteur:* LENHART, Johannes SIEMENS AG  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* TAYLOR, Carolyn  
*history (event, available, version,*  
draft 15/07/2000 0 . 0 . 1 [get it](#) *remarks - general:*  
RP-09 21/09/2000 0 . 1 . 0 [get it](#) *remarks - this release:* TSG#10:RP-000640 TSG#10:0.1.1 TSG#11:4.0.0  
RP-10 21/12/2000 0 . 1 . 1 [get it](#)  
RP-11 06/04/2001 4 . 0 . 0 [get it](#)

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**TR 25.839 Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)**

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 [get it](#) *remarks - general:*  
RP-09 21/09/2000 0 . 1 . 0 [get it](#) *remarks - this release:* TSG#10:RP-000642=0.1.0  
RP-12 05/07/2001 0 . 2 . 0 RP-010426 [get it](#)  
RAN3 approved 01/10/2001 0 . 3 . 0 referred to at RP-13. [get it](#)

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**TR 25.840 Terminal power saving features**

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 [get it](#) *remarks - general:*  
RP-10 12/01/2001 2 . 0 . 0 [get it](#) *remarks - this release:* TSG#10:RP-000548 not approved. TSG#10:2.0.0 TSG#11:2.3.0  
RP-11 05/04/2001 2 . 3 . 0 [get it](#)

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**TR 25.841 DSCH power control improvement in soft handover**

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 [get it](#) *remarks - general:*  
RP-10 12/01/2001 4 . 0 . 0 [get it](#) *remarks - this release:* TSG#10:RP-000549=2.0.0 TSG#10:4.0.0 TSG#11:4.1.0  
RP-11 04/04/2001 4 . 1 . 0 [get it](#)

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<b>TR 25.848</b>	<b>Physical Layer Aspects of UTRA High Speed Downlink Packet Access</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	R1 /	rapporteur:	IKEDA, Shinobu	ETSI Secretariat			
	freeze_meeting: SP-10	G:	U: yes	MCC:	IKEDA, Shinobu				
history (event, available, version,	RP-11 05/04/2001	4	.	0	.	0			
				<a href="#">get it</a>	remarks - general:				
					remarks - this release:	May not be Rel4 but Rel5. To be confirmed at RAN#10. TSG#11:4.0.0			
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<b>TR 25.849</b>	<b>DSCH power control improvement in soft handover</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	R3 / -	rapporteur:	WOONHEE, Hwang	NOKIA Corporation			
	freeze_meeting: SP-11	G:	U: yes	MCC:	TAYLOR, Carolyn				
history (event, available, version,	RP-11 06/04/2001	4	.	0	.	0			
				<a href="#">get it</a>	remarks - general:				
					remarks - this release:	. TSG#11:4.0.0			
<hr/>									
<b>TR 25.850</b>	<b>UE positioning in UTRAN lub/lur protocol aspects</b>								
Rel-4	current version: 4.2.0	WG (prime / other):	R3 / -	rapporteur:	HAUTALA, Jari	NOKIA Corporation			
	freeze_meeting: SP-11	G:	U: yes	MCC:	TAYLOR, Carolyn				
history (event, available, version,	RP-10 21/12/2000	0	.	0	.	2	RP-000658		
	draft 21/12/2000	0	.	1	.	0			
	RP-11 06/04/2001	4	.	0	.	0			
	RP-12 06/07/2001	4	.	1	.	0			
	RP-13 12/10/2001	4	.	2	.	0			
				<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>					
<hr/>									
<b>TR 25.851</b>	<b>RAB Quality of Service Renegotiation over lu</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	R3 /	rapporteur:	IRWIN, Sania	MOTOROLA GmbH			
	freeze_meeting: SP-11	G:	U: yes	MCC:	TAYLOR, Carolyn				
history (event, available, version,	RP-10 21/12/2000	0	.	0	.	2			
	RP-11 06/04/2001	4	.	0	.	0			
				<a href="#">get it</a>	remarks - general:				
				<a href="#">get it</a>	remarks - this release:	TSG#10:RP-000660 TSG#10:0.0.2 TSG#11:4.0.0			
<hr/>									
<b>TR 25.852</b>	<b>Radio access bearer support enhancements for the lu</b>								
Rel-4	current version: 0.0.0	WG (prime / other):	R3 /	rapporteur:	DIESEN, Michael	MOTOROLA Ltd			
	freeze_meeting:	G:	U: yes	MCC:	TAYLOR, Carolyn				
history (event, available, version,	RP-11 06/04/2001	0	.	0	.	0	DRAFT		
				<a href="#">get it</a>	remarks - general:				
					remarks - this release:	.			

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<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			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> TAYLOR, Carolyn	SpA			
	<i>history (event, available, version,</i>			<a href="#">get it</a>	<i>remarks - general:</i> Was 25.932. Approved and renumbered at TSG#10.				
	RP-11 06/04/2001 4 . 0 . 0				<i>remarks - this release:</i>				
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<b>TR 25.921</b>	<b>Guidelines and principles for protocol description and error handling</b>								
Rel-4	<i>current version:</i> 4.2.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> GILLY, Sylviane	PHILIPS CONSUMER COMMUNICATION			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans				
	<i>history (event, available, version,</i>			<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-12 19/06/2001 4 . 1 . 0			<a href="#">get it</a>					
	RP-13 02/10/2001 4 . 2 . 0								
<hr/>									
<b>TR 25.922</b>	<b>Radio Resource Management Strategies</b>								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MAGNANI, Nicola Pio	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans				
	<i>history (event, available, version,</i>			<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-13 02/10/2001 4 . 1 . 0								
<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 Group Plc			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> VAN DER VEEN, Hans				
	<i>history (event, available, version,</i>			<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-03 23/04/1999 0 . 0 . 1			<a href="#">get it</a>	<i>remarks - this release:</i> .				
	RP-04 23/06/1999 0 . 1 . 0			<a href="#">get it</a>					
	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>					

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**TR 25.928 1,28 Mcps functionality for UTRA TDD physical layer**

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-07 0 . 0 . 2 RP-000091  
RP-07 15/03/2000 0 . 0 . 3 RP-000158  
RP-08 0 . 2 . 0  
RP-08 23/06/2000 1 . 0 . 0  
RP-09 11/01/2001 1 . 1 . 0  
RP-11 06/04/2001 4 . 0 . 0  
edito 10/04/2001 4 . 0 . 1

WG (prime / other): R1 / - *rapporteur:* AKSENTIJEVIC, Mirko NOKIA Corporation  
G: U: yes *MCC:* IKEDA, Shinobu

*remarks - general:* Created R1#10, Jan 99.  
*remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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**TR 25.931 UTRAN Functions, examples on signalling procedures**

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-07  
*history (event, available, version,*  
RP-11 30/03/2001 4 . 0 . 0  
RP-12 05/07/2001 4 . 1 . 0

WG (prime / other): R3 / - *rapporteur:* SCARRONE, Enrico TELECOM ITALIA S.p.A.  
G: U: yes *MCC:* TAYLOR, Carolyn

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

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**TR 25.934 AAL2 QoS optimization**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
draft 25/04/2000 0 . 0 . 0  
draft 16/05/2000 0 . 0 . 1  
RP-09 28/09/2000 0 . 2 . 0  
RP-10 21/12/2000 0 . 2 . 1  
RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* YOSHIMURA, Takayuki J-Phone Communications Co., Ltd  
G: U: yes *MCC:* TAYLOR, Carolyn

*remarks - general:*  
*remarks - this release:* TSG#9:0.2.0 TSG#10:RP-000646 TSG#10:0.2.1 TSG#11:4.0.0  
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[get it](#)  
[get it](#)  
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<b>TR 25.935</b>	<b>RRM optimisation</b>				
Rel-4	current version: 4.0.0		WG (prime / other): R3 / -	rapporteur: VAN LIESHOUT, Gert-Jan	ERICSSON EUROLAB NETHERLANDS BV
	freeze_meeting: SP-11		G: U: yes	MCC: TAYLOR, Carolyn	
<i>history (event, available, version,</i>					
	Start of work	01/08/2000	0 . 0 . 0	<a href="#">get it</a>	remarks - general:
	draft	15/07/2000	0 . 0 . 1	<a href="#">get it</a>	remarks - this release: TSG#10:RP-000648 TSG#10:0.1.1 TSG#11:4.0.0
	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>	

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<b>TR 25.936</b>	<b>Handover for realtime services from PS-domain</b>				
Rel-4	current version: 4.0.1		WG (prime / other): R3 / -	rapporteur: MOUSSET, Claire	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-11		G: U: yes	MCC: TAYLOR, Carolyn	
<i>history (event, available, version,</i>					
	Start of work	01/07/2000	0 . 0 . 0	<a href="#">get it</a>	remarks - general:
	draft	15/07/2000	0 . 0 . 1	<a href="#">get it</a>	remarks - this release: SG#11:4.0.0 (expect a 4.0.1 with formatting corrections)
	R3-15	01/09/2000	0 . 1 . 0	<a href="#">get it</a>	
	RP-10	21/12/2000	0 . 3 . 0	<a href="#">get it</a>	
	RP-11	06/04/2001	4 . 0 . 0	<a href="#">get it</a>	
	formatting		4 . 0 . 1		
	corrections				

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<b>TR 25.937</b>	<b>UTRAN TDD low chiprate</b>				
Rel-4	current version: 4.1.0		WG (prime / other): R3 / -	rapporteur: XU, Bing	CATT
	freeze_meeting: SP-11		G: U: yes	MCC: TAYLOR, Carolyn	
<i>history (event, available, version,</i>					
	draft	01/08/2000	0 . 0 . 0	<a href="#">get it</a>	remarks - general:
	draft	15/08/2000	0 . 0 . 1	<a href="#">get it</a>	remarks - this release:
	R3-15	30/08/2000	0 . 1 . 0	<a href="#">get it</a>	
	RP-10	21/12/2000	0 . 3 . 1	<a href="#">get it</a>	RP-000686
	RP-11	06/04/2001	4 . 0 . 0	<a href="#">get it</a>	
	RP-13	12/10/2001	4 . 1 . 0	<a href="#">get it</a>	

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<b>TR 25.938</b>	<b>Terminal power saving features</b>								
Rel-4	current version: 2.0.0	DRAFT	WG (prime / other): R3 / -	rapporteur: CHOI, Sungho	Samsung Electronics Ind. Co., Ltd.				
	freeze_meeting:		G: U: yes	MCC: TAYLOR, Carolyn					
	history (event, available, version,								
	draft 15/08/2000	0 . 0 . 1							
	draft 05/10/2000	0 . 1 . 0							
	RP-10 21/12/2000	0 . 1 . 1							RP-000654
	RP-11 06/04/2001	2 . 0 . 0							
			<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>						
<b>TR 25.942</b>	<b>RF system scenarios</b>								
Rel-4	current version: 4.0.0		WG (prime / other): R4 / -	rapporteur: BENABDALLAH, Nadia	OMNITEL Pronto Italia SpA				
	freeze_meeting: SP-12		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar					
	history (event, available, version,								
	RP-11 10/10/2001	4 . 0 . 0							expected post RP-12
			<a href="#">get it</a>	remarks - general:	Additional rapporteur = A.De Pasquale.				
				remarks - this release:					
<b>TR 25.943</b>	<b>Deployment aspects</b>								
Rel-4	current version: 4.0.0		WG (prime / other): R4 / -	rapporteur: SKÖLD, Johan	Telefon AB LM Ericsson				
	freeze_meeting:		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar					
	history (event, available, version,								
	RP-08 23/06/2000	2 . 0 . 0							
	RP-12	2 . 1 . 0							RP-010437
	RP-12 29/06/2001	4 . 0 . 0							
			<a href="#">get it</a>	remarks - general:					
				remarks - this release:	TSG#7:2.0.0				
			<a href="#">get it</a>						
<b>TR 25.944</b>	<b>Channel coding and multiplexing examples</b>								
Rel-4	current version: 4.1.0		WG (prime / other): R1 / -	rapporteur: IKEDA, Shinobu	ETSI Secretariat				
	freeze_meeting: SP-11		G: U: yes	MCC: IKEDA, Shinobu					
	history (event, available, version,								
	RP-11 06/04/2001	4 . 0 . 0							
	edito 10/04/2001	4 . 0 . 1							
	RP-12 28/06/2001	4 . 1 . 0							
			<a href="#">get it</a>	remarks - general:	Created Jan 2000 (aka R1.04)				
			<a href="#">get it</a>	remarks - this release:					
			<a href="#">get it</a>						

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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-11 06/04/2001	4	.	0	.	0			
				<a href="#">get it</a>	<i>remarks - general:</i>				
				<a href="#">get it</a>	<i>remarks - this release:</i> TSG#10:RP-000664 TSG#10:0.0.3 TSG#11:4.0.0				
<hr/>									
<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 Communications 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> . TSG#11:4.0.0				
<hr/>									
<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> SP-14			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> . TSG#11:4.0.0				

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<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> 4.0.0	<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>			
			<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>			
<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	<i>G:</i> 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>			

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<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> . TSG#10:4.0.0				
<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>				
<hr/>							
<b>TS 26.101</b>	<b>AMR speech Codec; Frame Structure</b>						
Rel-4	<i>current version:</i> 4.1.0	<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>				

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<b>TS 26.102</b>	<b>AMR speech Codec; Interface to lu and Uu</b>					
Rel-4	<i>current version:</i> 4.0.0	WG (prime / other):	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			<a href="#">get it</a>	<i>remarks - general:</i>	
	4 . 0 . 0				<i>remarks - this release:</i>	
<hr/>						
<b>TS 26.103</b>	<b>Codec lists</b>					
Rel-4	<i>current version:</i> 4.1.0	WG (prime / other):	S4 / -	<i>rapporteur:</i>	HELLWIG, Karl	ERICSSON Eurolab Deutschland GmbH
	<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			<a href="#">get it</a>	<i>remarks - general:</i>	New after TSG#5
	SP-11 10/04/2001			<a href="#">get it</a>	<i>remarks - this release:</i>	. TSG#10:4.0.0 TSG#11:4.1.0
	4 . 0 . 0					
	4 . 1 . 0					
<hr/>						
<b>TS 26.104</b>	<b>ANSI-C code for the floating-point AMR speech codec</b>					
Rel-4	<i>current version:</i> 4.2.0	WG (prime / other):	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			<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-12 27/06/2001			<a href="#">get it</a>	<i>remarks - this release:</i>	. TSG#10:4.0.0
	bug fix 29/06/2001			<a href="#">get it</a>		
	SP-13 02/10/2001			<a href="#">get it</a>		
	4 . 0 . 0					
	4 . 1 . 0					
	4 . 1 . 1					
	4 . 2 . 0					
<hr/>						
<b>TS 26.110</b>	<b>Codec for circuit switched multimedia telephony service; General description</b>					
Rel-4	<i>current version:</i> 4.1.0	WG (prime / other):	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			<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-11 10/04/2001			<a href="#">get it</a>	<i>remarks - this release:</i>	
	4 . 0 . 0					
	4 . 1 . 0					
<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	WG (prime / other):	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			<a href="#">get it</a>	<i>remarks - general:</i>	CR at TSG#5
	4 . 0 . 0				<i>remarks - this release:</i>	

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<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>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>	
								<i>remarks - this release:</i>	
<hr/>									
<b>TS 26.131</b>	<b>Terminal acoustic characteristics for telephony; Requirements</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			
	SP-13 02/10/2001	4	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
							<a href="#">get it</a>	<i>remarks - this release:</i>	
<hr/>									
<b>TS 26.132</b>	<b>Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification</b>								
Rel-4	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001	4	.	0	.	0			
	SP-13 02/10/2001	4	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
							<a href="#">get it</a>	<i>remarks - this release:</i>	
<hr/>									
<b>TS 26.233</b>	<b>End-to-end transparent streaming service; General description</b>								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	draft 02/11/2000	0	.	1	.	0			
	SP-10 21/12/2000	1	.	0	.	0			
	SP-11 10/04/2001	4	.	0	.	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>		

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

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<b>TS 26.234</b>	<b>End-to-end transparent streaming service; Protocols and codecs</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NOHLGREN, Anders	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>					
	draft 19/10/2000	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>		
	draft 26/10/2000	0 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i>		
	draft 02/11/2000	0 . 0 . 3	<a href="#">get it</a>			
	SP-10 21/12/2000	1 . 0 . 0	<a href="#">get it</a>		SP-000566	
	SP-11 10/04/2001	4 . 0 . 0	<a href="#">get it</a>			
	SP-13 02/10/2001	4 . 1 . 0	<a href="#">get it</a>			
<hr/>						
<b>TR 26.901</b>	<b>AMR wideband speech codec; Feasibility study report</b>					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OHANA, Alain	Cingular Wireless LLC		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-07 17/03/2000	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-07 17/03/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	TSG#7:2.0.0 (SP-000024), 4.0.0	
	edito 26/04/2000	4 . 0 . 1	<a href="#">get it</a>			
<hr/>						
<b>TR 26.911</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-10 21/12/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-11 10/04/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	. TSG#11:4.1.0	
<hr/>						
<b>TR 26.912</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-11	<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>TR 26.975</b>	<b>Performance characterization of the Adaptive Multi-Rate (AMR) speech codec</b>						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 4 . 0 . 0		<a href="#">get it</a> <i>remarks - general:</i>	Replaces 26.075. 2001-10-02: Also for GSM.			
	SP-13 02/10/2001 4 . 1 . 0		<a href="#">get it</a> <i>remarks - this release:</i>				
<hr/>							
<b>TR 26.978</b>	<b>Results of the AMR noise suppression selection phase</b>						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	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>	Replaces 26.078			
			<i>remarks - this release:</i>	Replaces 26.078			

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**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:* 4.5.0 *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](#)

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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:* . TSG#10:4.0.0 TSG#11:4.1.0

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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:* 4.1.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian VODAFONE Group Plc  
*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:*

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<b>TS 27.007</b>	<b>AT command set for 3G User Equipment (UE)</b>						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>						
	TP-09 11/10/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	TP-11 11/04/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>				
	TP-12 04/07/2001 4 . 2 . 0	<a href="#">get it</a>					
<hr/>							
<b>TS 27.010</b>	<b>Terminal Equipment to User Equipment (TE-UE) multiplexer protocol</b>						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> VACANT,				
	<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>				
	TP-13 04/10/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>				
<hr/>							
<b>TS 27.060</b>	<b>Packet domain; Mobile Station (MS) supporting Packet Switched services</b>						
Rel-4	<i>current version:</i> 4.0.0	<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> GPRS				
			<i>remarks - this release:</i>				
<hr/>							
<b>TS 27.103</b>	<b>Wide Area Network Synchronization</b>						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> LOCKHART, Rob	Motorola Inc.			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>						
	TP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
<b>TR 27.901</b>	<b>Report on Terminal Interfaces - An Overview</b>						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>						
	TP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				

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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:*

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

Rel-4	<i>current version:</i> 4.1.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SUERBAUM, Clemens	SIEMENS AG
	<i>freeze_meeting:</i> SP-11		<i>G: yes U: yes</i>	<i>MCC:</i> USAI, Paolo	
<i>history (event, available, version,</i>					
SP-05	13/10/1999	0 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
SP-09	18/10/2000	0 . 0 . 3		<a href="#">get it</a>	<i>remarks - this release:</i> TSG#11: Usai: may need 48.062.
SP-10	21/12/2000	1 . 0 . 0	NP-000568	<a href="#">get it</a>	
draft	08/02/2001	1 . 1 . 0		<a href="#">get it</a>	
SP-11	10/04/2001	4 . 0 . 0		<a href="#">get it</a>	
SP-12	27/06/2001	4 . 1 . 0		<a href="#">get it</a>	
edito	01/10/2001	4 . 1 . 1		<a href="#">get it</a>	

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

### TS 29.002 Mobile Application Part (MAP) specification

Rel-4 *current version:* 4.5.0 *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 [get it](#) *remarks - general:*  
 edito 04/08/2000 4 . 0 . 1 [get it](#) *remarks - this release:*  
 edito 11/08/2000 4 . 0 . 2 [get it](#)  
 NP-09 26/10/2000 4 . 1 . 0 [get it](#)  
 NP-10 20/12/2000 4 . 2 . 0 [get it](#)  
 edito 01/02/2001 4 . 2 . 1 [get it](#)  
 NP-11 06/04/2001 4 . 3 . 0 [get it](#)  
 NP-12 06/07/2001 4 . 4 . 0 [get it](#)  
 edito 16/08/2001 4 . 4 . 1 [get it](#)  
 NP-13 03/10/2001 4 . 5 . 0 [get it](#)

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

Rel-4 *current version:* 4.2.0 *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 [get it](#) *remarks - general:*  
 NP-10 04/01/2001 4 . 1 . 0 [get it](#) *remarks - this release:* TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:4.0.0 TSG#10:4.1.0 TSG#11:4.2.0  
 NP-11 29/03/2001 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* Procedures and the Mobile Application Part (MAP) 4.1.0WG *(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 [get it](#) *remarks - general:* Transfer>TSG#4 (transfer??)  
 NP-12 06/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

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## TS 29.011 Signalling Interworking for Supplementary Services

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 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 *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:* 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:* 4.0.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
NP-11 06/04/2001 4 . 0 . 0  
[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:* 4.1.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
NP-11 06/04/2001 4 . 0 . 0  
NP-13 03/10/2001 4 . 1 . 0  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

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## TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / - *rapporteur:* YOUNG, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-11 30/03/2001 4 . 0 . 0  
NP-12 04/07/2001 4 . 1 . 0  
NP-13 03/10/2001 4 . 2 . 0  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

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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> 4.2.0	<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>						

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<b>TS 29.078</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 3; CAMEL Application Part (CAP) specification</b>								
Rel-4	<i>current version:</i> 4.2.0	<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>					
	NP-13 03/10/2001	4 . 2 . 0	<a href="#">get it</a>						

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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	<i>current version:</i> 4.1.0	<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-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8:Appeared as v2.0.0 (RP-000258)					
	RP-13 12/10/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>					

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<b>TS 29.119</b>	<b>GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited					
	<i>freeze_meeting:</i> SP-11	G: 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>					

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<b>TS 29.120</b>	<b>Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT Communications Ware 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> New after TSG#5					
				<i>remarks - this release:</i> TSG#9:4.0.0					

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N5 / *rapporteur:* KLOSTERMANN, Lucas ERICSSON Telecommunicatie BV  
*freeze\_meeting:* SP-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](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N5 / *rapporteur:* MOERDIJK, Ard-Jan ERICSSON Telecommunicatie BV  
*freeze\_meeting:* SP-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](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

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

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N5 / *rapporteur:* MOERDIJK, Ard-Jan ERICSSON Telecommunicatie BV  
*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](#)

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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:* 4.2.0 *WG (prime / other):* N5 / *rapporteur:* DE GELDER, Dirk ALCATEL BELL  
*freeze\_meeting:* SP-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](#)

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

Rel-4 *current version:* 4.2.1 *WG (prime / other):* N5 / *rapporteur:* MARKWARDT, Gert SIEMENS AG  
*freeze\_meeting:* SP-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](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N5 / *rapporteur:* SAARENPA, Matti NOKIA Corporation  
*freeze\_meeting:* SP-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](#)

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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:* 4.2.0 *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 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](#)

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N5 / *rapporteur:* LAGENDIJK, Louis 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](#)

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*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](#)

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-11 02/04/2001 4 . 0 . 0 *remarks - general:*  
edito 09/05/2001 4 . 0 . 1 [get it](#) *remarks - this release:*  
NP-13 03/10/2001 4 . 1 . 0 [get it](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / *rapporteur:* HEIDERMARK, Alf Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-11 30/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 04/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:* . TSG#11:4.0.0  
NP-13 03/10/2001 4 . 2 . 0 [get it](#)

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<b>TR 30.504</b>	<b>Work Plan and Study Items - RAN WG4</b>						
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		<a href="#">get it</a>	remarks - general:		
	draft 21/12/2000	0 . 8 . 6		<a href="#">get it</a>	remarks - this release: .		
	RP-04 23/06/1999	1 . 0 . 0		<a href="#">get it</a>			
	RP-05 13/10/1999	1 . 4 . 0		<a href="#">get it</a>			
	RP-06 17/12/1999	2 . 0 . 0		<a href="#">get it</a>			
	RP-08 23/06/2000	2 . 2 . 0		<a href="#">get it</a>			

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

<p><b>TS 31.101 UICC-terminal interface; Physical and logical characteristics</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</p>	<p><i>WG (prime / other):</i> T3 / SCP  <i>G:</i> U: yes  <i>rapporteur:</i> VESTERGAARD, Peter NOKIA UK Ltd  <i>MCC:</i> SANDERS, Michael</p>	<p><a href="#">get it</a> <i>remarks - general:</i> Contents is a reference to ETSI TR 102 221.  <i>remarks - this release:</i></p>
<p><b>TS 31.102 Characteristics of the USIM Application</b>                  Rel-4 <i>current version:</i> 4.2.0  <i>freeze_meeting:</i> SP-11  <i>history (event, available, version,</i>                  TP-11 09/04/2001 4 . 0 . 0                  TP-12 23/07/2001 4 . 1 . 0                  TP-13 11/10/2001 4 . 2 . 0</p>	<p><i>WG (prime / other):</i> T3 / -  <i>G:</i> U: yes  <i>rapporteur:</i> HEIM, Christian GIESECKE &amp; DEVRIENT GmbH  <i>MCC:</i> SANDERS, Michael</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><b>TS 31.110 Numbering system for telecommunication IC card applications</b>                  Rel-4 <i>current version:</i> 4.0.0  <i>freeze_meeting:</i> SP-11  <i>history (event, available, version,</i>                  TP-11 16/05/2001 4 . 0 . 0</p>	<p><i>WG (prime / other):</i> T3 / -  <i>G:</i> U: yes  <i>rapporteur:</i> DIETRICH, Christian Schlumberger Systemes S.A.  <i>MCC:</i> SANDERS, Michael</p>	<p><a href="#">get it</a> <i>remarks - general:</i> Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May  <i>remarks - this release:</i> 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.</p>
<p><b>TS 31.111 USIM Application Toolkit (USAT)</b>                  Rel-4 <i>current version:</i> 4.4.0  <i>freeze_meeting:</i> SP-11  <i>history (event, available, version,</i>                  TP-09 18/10/2000 4 . 0 . 0                  TP-10 05/01/2001 4 . 1 . 0                  TP-11 09/04/2001 4 . 2 . 0                  edito 10/04/2001 4 . 2 . 1                  TP-12 06/07/2001 4 . 3 . 0                  TP-13 12/10/2001 4 . 4 . 0</p>	<p><i>WG (prime / other):</i> T3 / -  <i>G:</i> yes U: yes  <i>rapporteur:</i> WOODSEND, Kristian ASPECTS Software Ltd  <i>MCC:</i> SANDERS, Michael</p>	<p><a href="#">get it</a> <i>remarks - general:</i> To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.  <i>remarks - this release:</i></p>

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<b>TS 31.120</b>	<b>UICC-terminal interface; Physical, electrical and logical test specification</b>					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MAESER, Torsten	ORGA Kartensysteme GmbH		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> SANDERS, Michael			
	<i>history (event, available, version,</i>					
					<i>remarks - general:</i> based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP	
					<i>remarks - this release:</i> Created belatedly when R99 version was reinstated after TP-12. Anticipate document at TP-13.	
<hr/>						
<b>TS 31.121</b>	<b>UICC-terminal interface; USIM application test specification</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> AFCHAR, Ramin	CETECOM GmbH - Certification and Testing in Communications		
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> SANDERS, Michael			
	<i>history (event, available, version,</i>					
	TP-12 06/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> based on R99 core spec; split into 2 parts (this is 2)			
			<i>remarks - this release:</i>			
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<b>TS 31.122</b>	<b>USIM conformance test specification</b>					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> KNIGHT, Simon	ASPECTS Software Ltd		
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> SANDERS, Michael			
	<i>history (event, available, version,</i>					
					<i>remarks - general:</i> based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was	
					<i>remarks - this release:</i> split into two parts	

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<b>TS 32.101</b>	<b>3G Telecom Management principles and high level requirements</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-11 28/03/2001	<a href="#">get it</a>	<i>remarks - general:</i>			
	edito 11/04/2001	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-12 03/07/2001	<a href="#">get it</a>				
	SP-13 05/10/2001	<a href="#">get it</a>				
	4 . 0 . 0					
	4 . 0 . 1					
	4 . 1 . 0					
	4 . 2 . 0					
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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	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-11 28/03/2001	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-12 03/07/2001	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-13 05/10/2001	<a href="#">get it</a>				
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	4 . 2 . 0					
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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> JURE, Patrick	Lucent Technologies France		
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 03/07/2001	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts			
	4 . 0 . 0		<i>remarks - this release:</i>			
<hr/>						
<b>TS 32.111-2</b>	<b>Telecommunication Management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> JURE, Patrick	Lucent Technologies France		
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 04/07/2001	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts			
	SP-13 05/10/2001	<a href="#">get it</a>	<i>remarks - this release:</i>			
	4 . 0 . 0					
	4 . 1 . 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: 4.0.0	WG (prime / other): S5 /	rapporteur:						
	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>						

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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: 4.0.0	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:					

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<b>TS 32.301</b>	<b>Telecommunication Management; Configuration Management; Notification IRP: requirements</b>								
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		<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:					

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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	current version: 4.0.0	WG (prime / other): S5 / -	rapporteur:	TSE, Edwin	Ericsson Incorporated				
	freeze_meeting: SP-12	G: U: yes	MCC:	ZOICAS, Adrian					
	history (event, available, version,								
	SP-12 21/06/2001 2 . 0 . 0		<a href="#">get it</a>	remarks - general:	was 32.301-2				
	SP-12 04/07/2001 4 . 0 . 0		<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-4	current version: 4.1.0	WG (prime / other): S5 / -	rapporteur:	SCHEER, Randal	Lucent Technologies				
	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 32.301-3				
	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>						

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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> 4.1.0	<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>						
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<b>TS 32.311</b>	<b>Telecommunication management; Generic IRP management; Requirements</b>								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,						
	<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 IRP management; Information service</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,						
	<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> .					
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<b>TS 32.401</b>	<b>Telecommunication management; Performance Management (PM); Concept and requirements</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	Deutsche Telekom MobilNet GmbH					
	<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>						

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<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> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	Deutsche Telekom MobilNet GmbH	
	<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>		

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<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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<b>TS 32.601</b>	<b>Telecommunication Management; Configuration Management; Basic CM IRP: requirements</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.601-1	
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .	

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<b>TS 32.602</b>	<b>Telecommunication Management; Configuration Management; Basic configuration management IRP information model</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.601-2	
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	SP-13 05/10/2001	4 . 1 . 0	<a href="#">get it</a>		

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<b>TS 32.603</b>	<b>Telecommunication Management; Configuration Management; Basic configuration management IRP: CORBA solution set</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.601-3	
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	SP-13 05/10/2001	4 . 1 . 0	<a href="#">get it</a>		

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<b>TS 32.604</b>	<b>Telecommunication Management; Configuration Management; Basic configuration management IRP CMIP solution set</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.601-4					
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .					
	SP-13 05/10/2001	4 . 1 . 0	<a href="#">get it</a>						

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<b>TS 32.611</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk CM IRP requirements</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,						
	<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 32.602-1					
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .					

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<b>TS 32.612</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management IRP: Information service</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,						
	<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 32.602-2					
	SP-12 04/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .					
	SP-13 05/10/2001	4 . 1 . 0	<a href="#">get it</a>						

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<b>TS 32.613</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management IRP: CORBA solution set</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,						
	<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 32.602-3					
	SP-12 04/07/2001	4 . 0 . 0	<a href="#">get it</a>	<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 IRP: CMIP solution set</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,						
	<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 32.602-4					
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .					
	SP-13 05/10/2001	4 . 1 . 0	<a href="#">get it</a>						

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**TS 32.615 Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management IRP: XML file format definition**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / *rapporteur:* ,  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.602-5  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

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**TS 32.621 Telecommunication Management; Configuration Management; Generic network resources IRP: requirements**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-1  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

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**TS 32.622 Telecommunication Management; Configuration Management; Generic network resources 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:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-2  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)

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**TS 32.623 Telecommunication Management; Configuration Management; Generic network resources IRP: CORBA solution set**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-3  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)

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**TS 32.624 Telecommunication Management; Configuration Management; Generic network resources: 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 32.620-4  
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)

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<b>TS 32.631</b>	<b>Telecommunication Management; Configuration Management; Core network resources IRP: requirements</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.621-1		
	SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
<hr/>					
<b>TS 32.632</b>	<b>Telecommunication Management; Configuration Management; Core Network Resources IRP: NRM</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</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> .		
<hr/>					
<b>TS 32.633</b>	<b>Telecommunication Management; Configuration Management; Core network resources IRP: CORBA solution set</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di		SIEMENS AG
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.621-3		
	SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
<hr/>					
<b>TS 32.634</b>	<b>Telecommunication Management; Configuration Management; Core network resources IRP: CMIP solution set</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.621-4		
	SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	SP-13 05/10/2001 4 . 1 . 0	<a href="#">get it</a>			
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<b>TS 32.641</b>	<b>Telecommunication Management; Configuration Management; UTRAN network resources IRP: requirements</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.622-1		
	SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		

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<b>TS 32.642</b>	<b>Telecommunication Management; Configuration Management; UTRAN network resources IRP: NRM</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 32.622-2		
	SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
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<b>TS 32.643</b>	<b>Telecommunication Management; Configuration Management; UTRAN network resources IRP: CORBA solution set</b>				
Rel-4	<i>current version:</i> 4.0.0	<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 32.622-3		
	SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
<hr/>					
<b>TS 32.644</b>	<b>Telecommunication Management; Configuration Management; UTRAN network resources IRP: CMIP solution set</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.622-4		
	SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	SP-13 05/10/2001 4 . 1 . 0	<a href="#">get it</a>			
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<b>TS 32.651</b>	<b>Telecommunication Management; Configuration Management; GERAN network resources IRP: requirements</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	G: yes U:	<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 32.623-1		
	SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
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<b>TS 32.652</b>	<b>Telecommunication Management; Configuration Management; GERAN network resources IRP: NRM</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
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	<i>history (event, available, version,</i>				
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	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>			

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<b>TS 32.653</b>	<b>Telecommunication Management; Configuration Management; GERAN network resources IRP: CORBA solution set</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di		SIEMENS AG
	<i>freeze_meeting:</i> SP-12	G: yes U:	<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 32.623-3		
	SP-12 04/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
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<b>TS 32.654</b>	<b>Telecommunication Management; Configuration Management; GERAN network resources IRP: CMIP solution set</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-12	G: yes U:	<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 32.623-4		
	SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	SP-13 05/10/2001 4 . 1 . 0	<a href="#">get it</a>			
<hr/>					
<b>TR 32.800</b>	<b>Management level procedures and interaction with UTRAN</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> HIJDRA, Martiyn		MANNESMANN Mobilfunk GmbH
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	draft 31/10/2000 0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>		
	draft 17/01/2001 0 . 0 . 3 NP-010239 (!)	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	SP-12 18/06/2001 1 . 0 . 0 SP-010233 (for approval!)	<a href="#">get it</a>			
	SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>			

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

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<b>TS 33.102</b>	<b>3G security; Security architecture</b>					
Rel-4	current version: 4.2.0	WG (prime / other):	S3 / -	rapporteur:	BLOMMAERT, Marc	SIEMENS ATEA NV
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-11 30/03/2001			<a href="#">get it</a>	remarks - general:	
	SP-12 04/07/2001			<a href="#">get it</a>	remarks - this release:	
	SP-13 03/10/2001			<a href="#">get it</a>		
	4 . 0 . 0					
	4 . 1 . 0					
	4 . 2 . 0					
<hr/>						
<b>TS 33.103</b>	<b>3G security; Integration guidelines</b>					
Rel-4	current version: 4.2.0	WG (prime / other):	S3 / -	rapporteur:	BLANCHARD, Colin	BT Group Plc
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-11 11/04/2001			<a href="#">get it</a>	remarks - general:	
	SP-12 04/07/2001			<a href="#">get it</a>	remarks - this release:	
	SP-13 03/10/2001			<a href="#">get it</a>		
	4 . 0 . 0					
	4 . 1 . 0					
	4 . 2 . 0					
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<b>TS 33.105</b>	<b>Cryptographic Algorithm requirements</b>					
Rel-4	current version: 4.1.0	WG (prime / other):	S3 / -	rapporteur:	CHIKAZAWA, Takeshi	
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-11 11/04/2001			<a href="#">get it</a>	remarks - general:	
	SP-12 04/07/2001			<a href="#">get it</a>	remarks - this release:	
	4 . 0 . 0					
	4 . 1 . 0					
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<b>TS 33.106</b>	<b>Lawful interception requirements</b>					
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-11 04/04/2001			<a href="#">get it</a>	remarks - general:	
	4 . 0 . 0				remarks - this release: TSG#11:4.0.0	

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<b>TS 33.107</b>	<b>3G security; Lawful interception architecture and functions</b>								
Rel-4	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 04/04/2001	4	.	0	.	0			
	SP-13 03/10/2001	4	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
							<a href="#">get it</a>	<i>remarks - this release:</i>	
<b>TS 33.120</b>	<b>Security Objectives and Principles</b>								
Rel-4	<i>current version:</i> 4.0.0								
	<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>	
								<i>remarks - this release:</i>	
<b>TS 33.200</b>	<b>Network Domain Security - MAP</b>								
Rel-4	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> SP-12								
	<i>history (event, available, version,</i>								
	draft 26/06/2001	1	.	0	.	1			
	SA-12	2	.	0	.	0			
	SA-12 04/07/2001	4	.	0	.	0			
	SP-13 03/10/2001	4	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	2001-05-24: title grows MAP; see 33.210 for IP equivalent.
							<a href="#">get it</a>	<i>remarks - this release:</i>	
							<a href="#">get it</a>		
<b>TR 33.800</b>	<b>Principles for Network Domain Security</b>								
Rel-4	<i>current version:</i> 0.3.5								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	draft	0	.	3	.	5			
								<i>remarks - general:</i>	
								<i>remarks - this release:</i>	v0.3.5 not fit for public gaze
<b>TR 33.901</b>	<b>Criteria for cryptographic Algorithm design process</b>								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 03/10/2001	4	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	

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<b>TR 33.902</b>	<b>Formal Analysis of the 3G Authentication Protocol</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> HORN, Guenther	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 03/10/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TR 33.903</b>	<b>Access Security for IP based services</b>					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</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>	G: U: yes				
			<i>remarks - general:</i> Source: ETSI SAGE.			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TR 33.908</b>	<b>3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</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>			
<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>			
	spec number					

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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> 4.0.0	<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> CHALABI, Nuhman	Anite Telecoms Ltd.		
	<i>freeze_meeting:</i> SP-13	<i>G:</i> 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>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 34.109</b>	<b>Logical Test Interface (TDD and FDD)</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> R2 / T1	<i>rapporteur:</i> BERGGREN, Anders	Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> 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.			
<hr/>						
<b>TS 34.121</b>	<b>Terminal Conformance Specification, Radio Transmission and Reception (FDD)</b>					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> HIGUCHI, Kenji	ADVANTEST Corporation		
	<i>freeze_meeting:</i> SP-13	<i>G:</i> U: yes	<i>MCC:</i> SALMERON, Lidia			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 34.122</b>	<b>Terminal Conformance Specification, Radio Transmission and Reception (TDD)</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> MAUCKSCH, Thomas	ROHDE & SCHWARZ GmbH & Co.KG		
	<i>freeze_meeting:</i> SP-13	<i>G:</i> U: yes	<i>MCC:</i> SALMERON, Lidia			
	<i>history (event, available, version,</i>					
	TP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	TP-13 03/10/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
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<b>TS 34.123-1</b>	<b>User Equipment (UE) conformance specification; Part 1: Protocol conformance specification</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> SALMERON, Lidia	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-13	<i>G:</i> U: yes	<i>MCC:</i> SALMERON, Lidia			
	<i>history (event, available, version,</i>					
	TP-13 03/10/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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<b>TS 34.123-2</b>	<b>User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification</b>								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> HU, Shicheng		ETSI Secretariat			
	<i>freeze_meeting:</i> SP-13		G: U: yes	<i>MCC:</i> SALMERON, Lidia					
	<i>history (event, available, version,</i>								
	TP-13 04/10/2001	4 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>
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<b>TS 34.123-3</b>	<b>User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)</b>								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> HU, Shicheng		ETSI Secretariat			
	<i>freeze_meeting:</i> SP-13		G: U: yes	<i>MCC:</i> SALMERON, Lidia					
	<i>history (event, available, version,</i>								
								<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>									
<b>TS 34.124</b>	<b>Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment</b>								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SOERENSEN, Ole		NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>								
	RP-11 10/04/2001	4 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i> T1->R4@TSG#10	<i>remarks - this release:</i>
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<b>TR 34.910</b>	<b>Identification of test requirements for regulatory purposes in different regions/countries</b>								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> NIELSEN, Bjarke		QUALCOMM EUROPE S.A.R.L.			
	<i>freeze_meeting:</i> SP-13		G: U: yes	<i>MCC:</i> SALMERON, Lidia					
	<i>history (event, available, version,</i>								
	TP-05 13/10/1999	0 . 0 . 1					<a href="#">get it</a>	<i>remarks - general:</i>	
	TP-10 09/01/2001	1 . 0 . 0					<a href="#">get it</a>	<i>remarks - this release:</i>	
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<b>TR 34.926</b>	<b>Table of international EMC requirements</b>								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> FENN, John B		SAMSUNG Electronics Research Institute			
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>								
	TP-09 06/10/2000	1 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i> Plan approved TSG#7 TP-000036). T1->R4@TSG#10	
	RP-10 09/01/2001	4 . 0 . 0					<a href="#">get it</a>	<i>remarks - this release:</i> TP-000138 TSG#9:1.0.0 TSG#10:2.0.0 TSG#10:4.0.0	

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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	current version: 4.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc		
	freeze_meeting: SP-11	G: U: yes	MCC: POPE, Maurice			
history (event, available, version,	SP-11 28/08/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general: ex SAGE; supplied by ETSI under licence			
			remarks - this release:			
<b>TS 35.202</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification</b>					
Rel-4	current version: 4.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc		
	freeze_meeting: SP-11	G: U: yes	MCC: POPE, Maurice			
history (event, available, version,	SP-11 28/08/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general: ex SAGE; supplied by ETSI under licence			
			remarks - this release:			
<b>TS 35.203</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data</b>					
Rel-4	current version: 4.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc		
	freeze_meeting: SP-11	G: U: yes	MCC: POPE, Maurice			
history (event, available, version,	SP-11 28/08/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general: ex SAGE; supplied by ETSI under licence			
			remarks - this release:			
<b>TS 35.204</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data</b>					
Rel-4	current version: 4.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc		
	freeze_meeting: SP-11	G: U: yes	MCC: POPE, Maurice			
history (event, available, version,	SP-11 28/08/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general: ex SAGE; supplied by ETSI under licence			
			remarks - this release:			
<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	current version: Document 1: General	4.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael		
VODAFONE Group Plc						
	freeze_meeting: SP-11	G: U: yes	MCC: POPE, Maurice			
history (event, available, version,	SP-11 09/05/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general: ex SAGE			
			remarks - this release: 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	current version: Document 2: Algorithm specification	4.0.0	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
VODAFONE Group Plc									
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice				
	history (event, available, version,								
	SP-11 09/05/2001 4 . 0 . 0								
		<a href="#">get it</a>	remarks - general:	ex SAGE					
			remarks - this release:	TSG#11:changed to Rel-4 TSG#11:4.0.0					
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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	current version: Document 3: Implementors' test data	4.0.0	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
VODAFONE Group Plc									
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice				
	history (event, available, version,								
	SP-11 09/05/2001 4 . 0 . 0								
		<a href="#">get it</a>	remarks - general:	ex SAGE					
			remarks - this release:	TSG#11:changed to Rel-4 TSG#11:4.0.0					
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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	current version: Document 4: Design conformance test data	4.0.0	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
VODAFONE Group Plc									
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice				
	history (event, available, version,								
	SP-11 09/05/2001 4 . 0 . 0								
		<a href="#">get it</a>	remarks - general:	ex SAGE					
			remarks - this release:	TSG#11:changed to Rel-4 TSG#11:4.0.0					
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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	current version: Document 5: Summary and results of design and evaluation	4.0.0	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
VODAFONE Group Plc									
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice				
	history (event, available, version,								
	SP-11 09/05/2001 4 . 0 . 0								
		<a href="#">get it</a>	remarks - general:	ex SAGE					
			remarks - this release:	TSG#11:Formerly 35.209 Rel-99 (but never made available) TSG#11:4.0.0					

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## 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	BT Group Plc		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>						
SP-11	10/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
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	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>						
SP-11		4 . 0 . 0		<i>remarks - general:</i>		
edito	02/05/2001	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>		
<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	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>						
SP-11	10/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
<b>TS 41.102</b>	<b>GSM Release 4 specifications</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>						
SP-10		1 . 0 . 0		<i>remarks - general:</i> Né 41.001; renumbered at TSG#10.		
SP-10	04/01/2001	1 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>		
SP-11	11/04/2001	4 . 0 . 0	<a href="#">get it</a>			
SP-12	05/07/2001	4 . 1 . 0	<a href="#">get it</a>			
SP-13	01/10/2001	4 . 2 . 0	<a href="#">get it</a>			

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**42 .- series** Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

<b>TS 42.009</b>	<b>Security Aspects</b>					
Rel-4	current version: 4.0.0	WG (prime / other): S3 / S1 / NP	rapporteur: CHRISTOFFERSSON, Per	TELIA AB		
	freeze_meeting: SP-11	G: yes U:	MCC: POPE, Maurice			
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<b>TS 42.017</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>					
Rel-4	current version: 4.0.0	WG (prime / other): T3 / S1	rapporteur: HOOKER, Philip	ORANGE PCS LTD		
	freeze_meeting: SP-11	G: yes U:	MCC: SANDERS, Michael			
	history (event, available, version, TP-11 09/04/2001 4 . 0 . 0	<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	WG (prime / other): T3 / -	rapporteur: DIETRICH, Christian	Schlumberger Systemes S.A.		
	freeze_meeting:	G: yes U:	MCC: SANDERS, Michael			
	history (event, available, version, TP-12 06/07/2001 4 . 0 . 0	<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	WG (prime / other): S3 /	rapporteur: WRIGHT, Tim	BT Group Plc		
	freeze_meeting: SP-11	G: yes U:	MCC: POPE, Maurice			
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<b>TS 42.032</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	BT Group Plc		
	freeze_meeting: SP-11	G: yes U:	MCC: POPE, Maurice			
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			

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<b>TS 42.033</b>	<b>Lawful Interception; Stage 1</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:		MCC: 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>				
<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:		MCC: 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>				
<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:		MCC: CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<b>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:		MCC: 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>				32,304
	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>					
<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:		MCC: 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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<b>TR 43.005</b>	<b>Technical performance objectives</b>				
Rel-4	current version: 4.0.0	WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting: SP-11	G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version, NP-11 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release:		
<hr/>					
<b>TS 43.010</b>	<b>GSM Public Land Mobile Network (PLMN) connection types</b>				
Rel-4	current version: 4.1.0	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting: SP-11	G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version, NP-10 08/01/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	NP-11 06/04/2001 4 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
<hr/>					
<b>TS 43.013</b>	<b>Discontinuous Reception (DRX) in the GSM system</b>				
Rel-4	current version: 4.0.0	WG (prime / other): G1 / -	rapporteur: USAI, Paolino	ETSI Secretariat	
	freeze_meeting: SP-11	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version, GP-04 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release:		
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<b>TS 43.019</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2</b>				
Rel-4	current version: 4.0.0	WG (prime / other): T3 / -	rapporteur: DIETRICH, Christian	Schlumberger Systemes S.A.	
	freeze_meeting: SP-11	G: yes U:	MCC: SANDERS, Michael		
	history (event, available, version, TP-11 23/10/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release:		
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<b>TS 43.020</b>	<b>Security-related network functions</b>				
Rel-4	current version: 4.0.0	WG (prime / other): S3 / NP /	rapporteur: GILBERT, Henri	France Telecom	
	freeze_meeting: SP-11	GP	MCC: POPE, Maurice		
	history (event, available, version, SP-09 04/11/2000 4 . 0 . 0	G: yes U:	<a href="#">get it</a>	remarks - general:	
				remarks - this release:	

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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	current version: 4.3.0	WG (prime / other):	G1 / N1	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd	
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	GP-01 10/10/2000	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	Moved from SMG3 Jan 2000.	
	edito 24/10/2000	4 . 0 . 1		<a href="#">get it</a>	remarks - this release:		
	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	current version: 4.0.0	WG (prime / other):	G1 / NP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-11	G: yes U:		MCC:	Peter Skov USAI, Paolino		
	history (event, available, version,						
	GP-04 11/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:		
					remarks - this release:		
<hr/>							
<b>TS 43.030</b>	<b>Radio network planning aspects</b>						
Rel-4	current version: 4.0.1	WG (prime / other):	G1 / -	rapporteur:	TEGTH, Ulf	TELIA AB	
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	GP-01 10/10/2000	4 . 0 . 0		<a href="#">get it</a>	remarks - general:		
	edito 24/10/2000	4 . 0 . 1		<a href="#">get it</a>	remarks - this release:		
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<b>TS 43.031</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 2</b>						
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim	BT Group Plc	
	freeze_meeting: SP-11	G: yes U:		MCC:	POPE, Maurice		
	history (event, available, version,						
	SP-11 10/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:		
					remarks - this release:		

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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	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0					
			<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
<b>TS 43.035</b>	<b>Immediate Service Termination (IST); Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	BT Group Plc		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0					
			<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<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	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i> NP-11 06/04/2001 4 . 0 . 0					
			<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
<b>TS 43.046</b>	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b>					
Rel-4	<i>current version:</i> none	<i>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>					
				<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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0					
			<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> TSG#11:4.0.0		

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<b>TS 43.051</b>	<b>GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	G1 / -	rapporteur:	SÉBIRE, Guillaume	NOKIA Corporation			
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,	GP-02 05/01/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	Originally created as 03.51r00			
					remarks - this release:	Created after TSG#8.			
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<b>TS 43.052</b>	<b>Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	G1 / -	rapporteur:	GIRAUD, Alexis	ALCATEL S.A.			
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,	GP-04 11/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release:				
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<b>TS 43.055</b>	<b>Dual Transfer Mode (DTM); Stage 2</b>								
Rel-4	current version: 4.1.0	WG (prime / other):	G1 / G2	rapporteur:	CARRIZO MARTÍNEZ, José Luis	VODAFONE Group Plc			
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,	GP-04 11/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	GP-05 29/06/2001	4 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
<hr/>									
<b>TR 43.058</b>	<b>Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	S4 / -	rapporteur:	MONFORT, Jean-Yves	France Telecom			
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,	SP-11 10/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release:				
<hr/>									
<b>TS 43.059</b>	<b>Functional stage 2 description of Location Services (LCS) in GERAN</b>								
Rel-4	current version: 4.2.0	WG (prime / other):	GP / -	rapporteur:	LIVINGSTON, Margaret	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,	GP-02 05/01/2001	1 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	draft 02/02/2001	1 . 0 . 2		<a href="#">get it</a>	remarks - this release:				
	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>					

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<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	Deutsche Telekom MobilNet GmbH			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-11 11/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 43.064</b>	<b>Overall description of the GPRS radio interface; Stage 2</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	LEPPISAARI, Arto	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	GP-03 15/02/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	GP-04 20/04/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	#29: 7.0.0 #30: 7.1.0 GERAN#3:4.0.0 GERAN#4:4.1.0			
<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	<i>G: yes U:</i>		<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>	#31: 8.0.0 TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0 #32:9.0.0 TSG#8:9.0.0->4.0.0 TSG#9:4.1.0 TSG#10:4.2.0			
	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>					
<hr/>									
<b>TS 43.069</b>	<b>Voice Broadcast service (VBS); 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	<i>G: yes U:</i>		<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>	#32:9.0.0 TSG#8:9.0.0 TSG#9:4.1.0 TSG#10:4.2.0			
	edito 24/10/2000	4 . 1 . 1		<a href="#">get it</a>					
	NP-10 03/01/2001	4 . 2 . 0		<a href="#">get it</a>					

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[http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## 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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<b>TS 44.001</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles</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 11/04/2001 4 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>		
<hr/>					
<b>TS 44.003</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</b>				
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>		
<hr/>					
<b>TS 44.004</b>	<b>Layer 1 - General Requirements</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> ISAACS, Ken THOMASEN, Gert	SIEMENS AG	
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0 GP-06 14/09/2001 4 . 1 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>		
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>		
<hr/>					
<b>TS 44.005</b>	<b>Data Link (DL) Layer General Aspects</b>				
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	<i>G:</i> yes <i>U:</i>	<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 44.006</b>	<b>Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification</b>					
Rel-4	current version: 4.0.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>						
<b>TS 44.008</b>	<b>Mobile radio interface layer 3 specification</b>					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): N1 / G2	rapporteur: HOWELL, Andrew JORGENSEN, Per Johan	MOTOROLA Ltd		
	history (event, available, version, NP-11 11/04/2001 4 . 0 . 0	G: yes U:	MCC:		<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>						
<b>TS 44.012</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>					
Rel-4	current version: 4.0.0 freeze_meeting: GP-04	WG (prime / other): G2 / N2	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a>	remarks - general: Rel-4 onwards. (Rel-99 was 24.012) remarks - this release: TSG#11: Replaces 24.012 for Rel-4 on. GERAN#4:4.0.0
<hr/>						
<b>TS 44.013</b>	<b>Performance Requirements on Mobile Radio Interface</b>					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): N1 / -	rapporteur: PUDNEY, Chris JORGENSEN, Per Johan	VODAFONE Group Plc		
	history (event, available, version, NP-11 11/04/2001 4 . 0 . 0	G: yes U:	MCC:		<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>						
<b>TS 44.014</b>	<b>Individual equipment type requirements and interworking; Special conformance testing functions</b>					
Rel-4	current version: 4.1.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: HOWELL, Andrew THOMASEN, Gert	MOTOROLA Ltd		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 GP-05 18/06/2001 4 . 1 . 0	G: yes U:	MCC:		<a href="#">get it</a> <a href="#">get it</a>	remarks - general: remarks - this release:

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<b>TS 44.018</b>	<b>Mobile radio interface layer 3 specification; Radio Resource Control Protocol</b>								
Rel-4	current version: 4.6.0	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		<a href="#">get it</a>	remarks - general:				
GP-01	11/10/2000	4 . 1 . 0		<a href="#">get it</a>	remarks - this release: #32:9.0.0 MCC-converted Aug00:				
edito	24/10/2000	4 . 1 . 1		<a href="#">get it</a>					
GP-02	21/12/2000	4 . 2 . 0		<a href="#">get it</a>					
GP-03	31/01/2001	4 . 3 . 0		<a href="#">get it</a>					
GP-04	04/05/2001	4 . 4 . 0		<a href="#">get it</a>					
GP-05	18/06/2001	4 . 5 . 0		<a href="#">get it</a>					
GP-06	10/09/2001	4 . 6 . 0		<a href="#">get it</a>					

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<b>TS 44.021</b>	<b>Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface</b>								
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		<a href="#">get it</a>	remarks - general:				
					remarks - this release: . TSG#10:4.0.0				

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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	current version: 4.2.0	WG (prime / other):	G2 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: GP-04	G: yes U:		MCC:	THOMASEN, Gert				
history (event, available, version,									
GP-04	04/05/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
GP-05	18/06/2001	4 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
GP-06	14/09/2001	4 . 2 . 0		<a href="#">get it</a>					

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<b>TS 44.035</b>	<b>Location Services LCS Stage 3 E-OTD Enhanced Observed</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	G2 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: GP-04	G: yes U:		MCC:	THOMASEN, Gert				
history (event, available, version,									
GP-04	04/05/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release:				

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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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL SEL AG					
	<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> <i>remarks - this release:</i>
<hr/>									
<b>TS 44.057</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL SEL AG					
	<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> <i>remarks - this release:</i>
<hr/>									
<b>TS 44.060</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol</b>								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA					
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i> GP-03 31/01/2001 4 . 0 . 0 GP-04 04/05/2001 4 . 1 . 0 GP-05 18/06/2001 4 . 2 . 0 GP-06 14/09/2001 4 . 3 . 0							<a href="#">get it</a>	<i>remarks - general:</i> General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System <i>remarks - this release:</i> (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
<hr/>									
<b>TS 44.063</b>	<b>Packet Data on Signalling channels Service (PDS) Service Description, Stage 3</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter	Deutsche Telekom MobilNet GmbH					
	<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> <i>remarks - this release:</i>
<hr/>									
<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> 4.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH					
	<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 NP-12 29/06/2001 4 . 1 . 0							<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>

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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> 4.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC:	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>				
	NP-10 02/01/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.	
	NP-13 02/10/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>					
<b>TS 44.068</b>	<b>Group Call Control (GCC) Protocol</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:	MCC:	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>				
	conversion to 06/09/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	3GPP format		<i>remarks - this release:</i>	#32:9.0.0 TSG#8:9.0.0 GERAN#1:4.1.0	
	NP-09 12/10/2000 4 . 1 . 0	<a href="#">get it</a>			
	edito 24/10/2000 4 . 1 . 1	<a href="#">get it</a>			
	NP-12 29/06/2001 4 . 2 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 44.069</b>	<b>Broadcast Call Control (BCC) protocol</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:	MCC:	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>	TSG#8:9.0GERAN#1:4.1.0	
	edito 24/10/2000 4 . 1 . 1	<a href="#">get it</a>			
	NP-12 29/06/2001 4 . 2 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 44.071</b>	<b>Location services (LCS) stage 3</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:	MCC:	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-05 18/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		

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

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

Rel-4 *current version:* 4.0.1 *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:*

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

Rel-4 *current version:* 4.4.0 *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](#)

### TS 45.003 Channel coding

Rel-4 *current version:* 4.0.0 *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:*  
*remarks - this release:*

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[http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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## TS 45.005 Radio transmission and reception

Rel-4 *current version:* 4.5.0

*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](#)

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## TS 45.008 Radio subsystem link control

Rel-4 *current version:* 4.5.0

*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](#)

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## TS 45.009 Link adaptation

Rel-4 *current version:* 4.1.0

*freeze\_meeting:* SP-11

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

MOTOROLA A/S

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

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<b>TS 45.010</b>	<b>Radio subsystem synchronization</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri		NOKIA MOBILE PHONES	
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-04 20/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<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		Deutsche Telekom MobilNet GmbH	
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: 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>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:	MCC: 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>			
	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:	MCC: 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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**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-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 10/10/2001 4 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>						
<b>TS 46.002</b>	<b>Half Rate Speech Processing Functions</b>					
Rel-4	current version: 4.0.0	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: SP-11	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>						
<b>TS 46.006</b>	<b>Half-rate speech: ANSI-C code for GSM half-rate speech codec</b>					
Rel-4	current version: 4.0.0	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: SP-11	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>						
<b>TS 46.007</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>					
Rel-4	current version: 4.0.0	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: SP-11	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	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-4	current version: 4.0.0	WG (prime / other): S4 / -	rapporteur: SALEM, Tarek	Deutsche Telekom MobilNet GmbH		
	freeze_meeting: SP-11	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release:

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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>			
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<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>					
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	SP-12 29/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
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<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>			
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<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	BT Group Plc		
	<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 46.041</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>
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<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	BT Group Plc		
	<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	Deutsche Telekom MobilNet GmbH					
	<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	current version: 4.0.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0						<a href="#">get it</a>	remarks - general: remarks - this release:	
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<b>TS 46.062</b>	<b>Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0						<a href="#">get it</a>	remarks - general: remarks - this release:	
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<b>TR 46.076</b>	<b>Adaptive Multi-Rate (AMR) speech codec; Study phase report</b>								
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						<a href="#">get it</a>	remarks - general: remarks - this release:	
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<b>TS 46.081</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0						<a href="#">get it</a>	remarks - general: remarks - this release:	
<hr/>									
<b>TS 46.082</b>	<b>Voice Activity Detection (VAD) for enhanced full rate speech traffic channels</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0						<a href="#">get it</a>	remarks - general: remarks - this release:	

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

<b>TS 48.001</b>	<b>General Aspects on the BSS-MSC Interface</b>					
Rel-4	current version: 4.0.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		<a href="#">get it</a>	remarks - general: remarks - this release:			
<b>TS 48.002</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles</b>					
Rel-4	current version: 4.2.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 GP-05 18/06/2001 4 . 1 . 0 anticipated GP-07 4 . 2 . 0	G: yes U:	MCC: THOMASEN, Gert			
	Rel-5 CR undone. Effectively reverts to 4.0.0	<a href="#">get it</a>	remarks - general: remarks - this release:			
<b>TS 48.004</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>					
Rel-4	current version: 4.0.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		<a href="#">get it</a>	remarks - general: remarks - this release:			
<b>TS 48.006</b>	<b>Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface</b>					
Rel-4	current version: 4.0.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		<a href="#">get it</a>	remarks - general: remarks - this release:			

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<b>TS 48.008</b>	<b>Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>					
Rel-4	current version: 4.5.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	08.08 to 3G 11/08/2000	4 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	GP-01 11/10/2000	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
	edito 24/10/2000	4 . 1 . 1	<a href="#">get it</a>			
	GP-02 11/01/2001	4 . 2 . 0	<a href="#">get it</a>			
	GP-03 31/01/2001	4 . 3 . 0	<a href="#">get it</a>			
	GP-04 04/05/2001	4 . 4 . 0	<a href="#">get it</a>			
	GP-06 14/09/2001	4 . 5 . 0	<a href="#">get it</a>			

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<b>TS 48.014</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1</b>					
Rel-4	current version: 4.0.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: 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	<a href="#">get it</a>	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	current version: 4.2.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
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	GP-04 04/05/2001	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
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	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> 4.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA		
	<i>freeze_meeting:</i> GP-04	G: yes U:	<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>			

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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	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>		

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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	G: yes U:	Peter Skov			
	<i>history (event, available, version,</i>		<i>MCC:</i> THOMASEN, Gert			
	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 Tranceiver Station (BSC-BTS) Interface 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:	Peter Skov			
	<i>history (event, available, version,</i>		<i>MCC:</i> THOMASEN, Gert			
	GP-04 04/05/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

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<b>TS 48.052</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles</b>					
Rel-4	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0 edito 15/05/2001 4 . 0 . 1	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		<a href="#">get it</a>	<i>remarks - general:</i>			
		<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 48.054</b>	<b>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		
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	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 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		
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	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 48.058</b>	<b>Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	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 48.060</b>	<b>In-band control of remote transcoders and rate adaptors for full rate traffic channels</b>					
Rel-4	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0 edito 28/05/2001 4 . 0 . 1	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		<a href="#">get it</a>	<i>remarks - general:</i>			
		<a href="#">get it</a>	<i>remarks - this release:</i>			

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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: 4.0.0	WG (prime / other):	G2 / NP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: GP-04				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
GP-04 04/05/2001	4 . 0 . 0			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	
<hr/>						
<b>TS 48.071</b>	<b>Location services (LCS) SMLC-BSS interface L 3</b>					
Rel-4	current version: 4.1.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: GP-04				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
GP-04 04/05/2001	4 . 0 . 0			<a href="#">get it</a>	remarks - general:	
GP-06 14/09/2001	4 . 1 . 0			<a href="#">get it</a>	remarks - this release:	

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

### TR 49.001 General Network Interworking Scenarios

Rel-4 *current version:* 4.0.0  
*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:*

### 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 ERICSSON Eurolab Deutschland GmbH  
*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:* 4.1.1  
*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

*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](#)

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**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 *WG (prime / other):* G1 / - *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-04 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
edito 01/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*

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**TR 50.099 GERAN project plan and open issues**

Rel-4 *current version:* 0.0.6 DRAFT *WG (prime / other):* GP / - *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
draft 09/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*  
draft 06/11/2000 0 . 0 . 2 [get it](#) *remarks - this release:* GERAN#3:0.0.4 May-2000: subsequent drafts 005, 006, 007 were wrongly  
numbered and were not subsequent at all, so do not appear in history; latest draft  
draft 02/04/2000 0 . 0 . 2 [get it](#)  
draft 08/05/2000 0 . 0 . 3 [get it](#)  
draft 28/05/2000 0 . 0 . 4 [get it](#)  
GERAN#4 10/05/2000 0 . 0 . 6 [get it](#)  
is ex GERAN#4 = 006.

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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)

## 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:* 4.5.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-11 NP /

T2 /  
SCP  
/ G4

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version,*

conversion from 01/08/2000 4 . 0 . 1  
11.10-1 v9.0.1

[get it](#)

*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* #32:9.0.0 MCC-converted Aug00:4.0.1

edito 24/10/2000 4 . 0 . 2

[get it](#)

GP-02 01/12/2000 4 . 1 . 0

[get it](#)

edito to correct 01/12/2000 4 . 1 . 1

[get it](#)

Release

edito 17/01/2001 4 . 1 . 2

[get it](#)

GP-03 22/01/2001 4 . 2 . 0

[get it](#)

GP-04 11/04/2001 4 . 3 . 0

[get it](#)

GP-05 05/06/2001 4 . 4 . 0

[get it](#)

GP-06 31/08/2001 4 . 5 . 0

[get it](#)

### TS 51.010-2 Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Rel-4 *current version:* 4.2.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-14 NP /

T2 /  
SCP  
/ G4

G: yes U: MCC: CLAYTON, Michael

*history (event, available, version,*

GP-02 1 . 0 . 0

*remarks - general:* 2001-11-19: G4->G5.

GP-04 11/04/2001 4 . 0 . 0

[get it](#)

*remarks - this release:* GERAN#4:4.0.0

GP-05 05/06/2001 4 . 1 . 0

[get it](#)

GP-06 31/08/2001 4 . 2 . 0

[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 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G5 / S1 / rapporteur: HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-11 NP /

T2 /  
SCP

/ G4

G: yes U: MCC: CLAYTON, Michael

*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

[get it](#) *remarks - general:* 2001-11-19: G4->G5.  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

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**TS 51.010-4 Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification**

Rel-4 *current version:* none *WG (prime / other):* G5 / G4 rapporteur: HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-14 G: yes U: MCC: CLAYTON, Michael

*history (event, available, version,*

*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* .

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**TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* SP-11 G: yes U: MCC: SANDERS, Michael

*history (event, available, version,*

TP-11 09/04/2001 4 . 0 . 0  
TP-12 06/07/2001 4 . 1 . 0  
TP-13 11/10/2001 4 . 2 . 0

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

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

Rel-4 *current version:* none *WG (prime / other):* T3 / - rapporteur: LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.  
*freeze\_meeting:* SP-12 G: yes U: MCC: SANDERS, Michael

*history (event, available, version,*

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

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

Rel-4 *current version: none* WG (prime / other): G3 / - rapporteur: BUSIN, Ake Telefon AB LM Ericsson  
*freeze\_meeting: SP-13* G: yes U: MCC: RODERMUND, Friedhelm  
*history (event, available, version,*

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

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**TS 51.026 GSM Repeater Equipment Specification**

Rel-4 *current version: none* WG (prime / other): G3 / - rapporteur: BUSIN, Ake Telefon AB LM Ericsson  
*freeze\_meeting: SP-13* G: yes U: MCC: RODERMUND, Friedhelm  
*history (event, available, version,*

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

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**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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<b>TS 52.402</b>	<b>Telecommunication management; Performance Management (PM); Performance measurements - GSM</b>		
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz Deutsche Telekom MobilNet GmbH
	<i>freeze_meeting:</i> SP-13	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	SP-13 05/10/2001 4 . 0 . 0 formerly 32.402	<a href="#">get it</a>	<i>remarks - general:</i> SP-13: replaces 32.402.
			<i>remarks - this release:</i> .

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R99



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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 01.00</b>	<b>Working Procedures for SMG</b>					
R99	current version: 8.0.0		WG (prime / other): SP / -	rapporteur: BERGMANN, Ansgar	ETSI Secretariat	
	freeze_meeting:		G: yes U:	MCC: POPE, Maurice		
	history (event, available, version, smg-30 11/11/1999 8 . 0 . 0					<a href="#">get it</a> remarks - general: remarks - this release:
<hr/>						
<b>TS 01.01</b>	<b>GSM Release 1999 Specifications</b>					
R99	current version: 8.3.0		WG (prime / other): SP / -	rapporteur: MEREDITH, John M	ETSI Secretariat	
	freeze_meeting:		G: yes U:	MCC: POPE, Maurice		
	history (event, available, version, draft 01/08/1999 0 . 0 . 0					<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release:
	draft 01/08/1999 0 . 0 . 1					<a href="#">get it</a>
	mods to draft 01/09/1999 0 . 0 . 2					<a href="#">get it</a>
	more mods 07/09/1999 0 . 0 . 3					<a href="#">get it</a>
	WOME cmts 15/09/1999 0 . 1 . 0					<a href="#">get it</a>
	included					
	Becomes T2/smg4 21/09/1999 0 . 2 . 0					<a href="#">get it</a>
	responsibility					
	editorials 01/10/1999 0 . 3 . 0					<a href="#">get it</a>
	draft 04/08/2000 0 . 3 . 0					<a href="#">get it</a>
	align with 21.101 07/10/1999 0 . 4 . 0					<a href="#">get it</a>
	smg-30 11/11/1999 1 . 0 . 0					<a href="#">get it</a>
	align with 21.101 30/11/1999 1 . 1 . 0	Alignment with 21.101: 1.1.0.				<a href="#">get it</a>
	smg-31 bis 2 . 0 . 0					
	smg-32 20/06/2000 8 . 0 . 0					<a href="#">get it</a>
	SP-10 04/01/2001 8 . 1 . 0					<a href="#">get it</a>
	SP-12 05/07/2001 8 . 2 . 0					<a href="#">get it</a>
	SP-13 01/10/2001 8 . 3 . 0					<a href="#">get it</a>

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<b>TR 01.04</b>	<b>Abbreviations and Acronyms</b>					
R99	current version: 8.0.0	WG (prime / other):	GP / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version, upgrade to R99 10/05/2000					
	8 . 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>					
R99	current version: 8.0.0	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim	BT Group Plc
	freeze_meeting:	G: yes	U:	MCC:	POPE, Maurice	
	history (event, available, version, Upgrade to R99 30/06/2000					
	8 . 0 . 0			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	.
<hr/>						
<b>TR 01.33</b>	<b>Lawful Interception requirements for GSM</b>					
R99	current version: 8.0.0	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			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	.
<hr/>						
<b>TS 01.61</b>	<b>General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements</b>					
R99	current version: 8.0.0	WG (prime / other):	S3 / -	rapporteur:	WALKER, Michael	VODAFONE Group Plc
	freeze_meeting:	G: yes	U:	MCC:	POPE, Maurice	
	history (event, available, version, Upgrade to R99 30/06/2000					
	8 . 0 . 0			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	.

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**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 02.09</b>	<b>Security Aspects</b>								
R99	current version: 8.0.1		WG (prime / other): S3 / S1 / NP	rapporteur: CHRISTOFFERSSON, TELIA AB					
	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: .					
<hr/>									
<b>TS 02.17</b>	<b>Subscriber Identity Modules, 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: SANDERS, Michael					
	history (event, available, version,								
	smg-30 11/11/1999	8 . 0 . 0	<a href="#">get it</a>	remarks - general:					
				remarks - this release:					
<hr/>									
<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 BT Group Plc					
	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: .					
<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 BT Group Plc					
	freeze_meeting:		G: yes U:	MCC: POPE, Maurice					
	history (event, available, version,								
	Upgrade to R99 14/02/2000	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: .					
<hr/>									
<b>TS 02.33</b>	<b>Lawful Interception; 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: .					

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<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
<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: SANDERS, Michael			
	history (event, available, version, Upgrade to R99 17/05/2000 8 . 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>					
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 8 . 0 . 0 ETSI publication 8 . 0 . 1 (not for 3GPP server)				<a href="#">get it</a>	remarks - general: SMG11->S4 at SMG#30 remarks - this release: Nov-00: Created to fill the gap.
<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 8 . 0 . 0 ETSI publication 17/10/2000 8 . 0 . 1				<a href="#">get it</a> <a href="#">get it</a>	remarks - general: 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 8 . 0 . 0 SP-10 12/01/2001 8 . 1 . 0				<a href="#">get it</a> <a href="#">get it</a>	remarks - general: remarks - this release:

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<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	8 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI publication 17/10/2000	8 . 0 . 1	<a href="#">get it</a>	remarks - this release: . TSG#10:8.1.0		
	SP-10 12/01/2001	8 . 1 . 0	<a href="#">get it</a>			
<hr/>						
<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	<a href="#">get it</a>	remarks - this release:		
	ETSI publication (not for 3GPP server)	8 . 0 . 1			ETSI publication only - 3GPP use 8.0.0	
<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	<a href="#">get it</a>	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	<a href="#">get it</a>	remarks - general:		
				remarks - this release: .		

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## 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	<a href="#">get it</a>	remarks - general:		
			remarks - this release: .		
<hr/>					
<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 8 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	NP-06 17/12/1999 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>			
<hr/>					
<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 8 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: .		
<hr/>					
<b>TS 03.19</b>	<b>GSM API for SIM toolkit stage 2</b>				
R99	current version: 8.2.0	WG (prime / other): T3 / -	rapporteur: DIETRICH, Christian	Schlumberger Systemes S.A.	
	freeze_meeting:	G: yes U:	MCC: SANDERS, Michael		
	history (event, available, version,				
	Upgrade to R99 27/07/2001 8 . 0 . 0	<a href="#">get it</a>	remarks - general: SMG9->T3@#31		
	TP-11 27/07/2001 8 . 1 . 0	<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 8 . 2 . 0	<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	current version: 8.0.0	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim	BT Group Plc			
	freeze_meeting:	G: yes U:		MCC:	POPE, Maurice				
	history (event, available, version,								
	Upgrade to R99 30/06/2000	8 . 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:	. publication. Work continues in 43.031.				
<hr/>									
<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				
<hr/>									
<b>TS 03.35</b>	<b>Immediate Service Termination (IST); Stage 2</b>								
R99	current version: 8.1.0	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim	BT Group Plc			
	freeze_meeting:	G: yes U:		MCC:	POPE, Maurice				
	history (event, available, version,								
	Upgrade to R99 30/06/2000	8 . 0 . 0							
	SP-11 04/04/2001	8 . 1 . 0	<a href="#">get it</a>	remarks - general:					
			<a href="#">get it</a>	remarks - this release:					
<hr/>									
<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							
	ETSI publication 30/10/2001	8 . 0 . 1	<a href="#">get it</a>	remarks - general:					
			<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>								
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:	ETSI format only. Not for 3GPP use.				

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## TS 03.48 Security Mechanisms for SIM Toolkit Application; Stage 2

R99 current version: 8.7.0

freeze\_meeting:

WG (prime / other): T3 / - rapporteur: BARNES, Nigel MOTOROLA Ltd  
G: yes U: MCC: SANDERS, Michael

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

TP-08 28/06/2000 8 . 3 . 0

TP-09 18/10/2000 8 . 4 . 0

TP-11 09/04/2001 8 . 5 . 0

TP-12 06/07/2001 8 . 6 . 0

TP-13 12/10/2001 8 . 7 . 0

[get it](#) remarks - general: SMG9->T3@#31

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

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

[get it](#)

## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

R99 current version: 8.1.1

freeze\_meeting:

WG (prime / other): S4 / - rapporteur: USAI, Paolino ETSI Secretariat  
G: yes U: MCC: USAI, Paolino

history (event, available, version,

Upgrade to R99 29/03/2000 8 . 0 . 0

ETSI publication 22/09/2000 8 . 0 . 1

smg-32 20/06/2000 8 . 1 . 0

ETSI publication 29/11/2000 8 . 1 . 1

[get it](#) remarks - general:

[get it](#) remarks - this release: #32:8.1.0

[get it](#)

[get it](#)

## TS 03.52 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2

R99 current version: 8.0.1

freeze\_meeting:

WG (prime / other): G1 / - rapporteur: GIRAUD, Alexis ALCATEL S.A.  
G: yes U: MCC: USAI, Paolino

history (event, available, version,

Upgrade to R99 29/03/2000 8 . 0 . 0

ETSI publication 29/09/2000 8 . 0 . 1

[get it](#) remarks - general:

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

## TS 03.53 Tandem Free Operation (TFO); Service description; Stage 2

R99 current version: 8.0.0

freeze\_meeting:

WG (prime / other): S4 / NP / rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
G: yes U: S2 MCC: USAI, Paolino

history (event, available, version,

Upgrade to R99 30/03/2000 8 . 0 . 0

[get it](#) remarks - general: Mar00: prime responsibility txfrd to SMG11

remarks - this release: .

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<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 MARTÍNEZ, JOSÉ 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				
<hr/>									
<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: .				
<hr/>									
<b>TS 03.63</b>	<b>Packet Data on Signalling channels service (PDS) Service description, Stage 2</b>								
R99	current version: 8.0.0			WG (prime / other): N1 / -	rapporteur: JACOBSON, Dieter	Deutsche Telekom MobilNet 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:				
					remarks - this release: #31: 8.0.0				
<hr/>									
<b>TS 03.64</b>	<b>Overall description of the GPRS radio interface; Stage 2</b>								
R99	current version: 8.8.0			WG (prime / other): G1 / -	rapporteur: LEPPISAARI, Arto	NOKIA Corporation			
	freeze_meeting:			G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,								
	smg-29 30/06/1999 8 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	smg-30 11/11/1999 8 . 1 . 0			<a href="#">get it</a>	remarks - this release: #29: 8.0.0 #30: 8.1.0 #30b:8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#1:8.6.0				
	smg-30 bis 06/12/1999 8 . 2 . 0			<a href="#">get it</a>	GERAN#3:8.7.0 GERAN#4:8.8.0				
	smg-31 16/02/2000 8 . 3 . 0			<a href="#">get it</a>					
	smg-31 bis 17/04/2000 8 . 4 . 0			<a href="#">get it</a>					
	smg-32 20/06/2000 8 . 5 . 0			<a href="#">get it</a>					
	GP-01 09/10/2000 8 . 6 . 0			<a href="#">get it</a>					
	GP-03 15/02/2001 8 . 7 . 0			<a href="#">get it</a>					
	GP-04 20/04/2001 8 . 8 . 0			<a href="#">get it</a>					

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<b>TS 03.68</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>				
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,				
	smg-31 16/02/2000			<a href="#">get it</a>	remarks - general:
	NP-07 17/03/2000			<a href="#">get it</a>	remarks - this release: #31: 8.0.0 TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
	smg-32 20/06/2000			<a href="#">get it</a>	
	8 . 0 . 0				
	8 . 1 . 0				
	8 . 2 . 0				
<hr/>					
<b>TS 03.69</b>	<b>Voice Broadcast service (VBS); Stage 2</b>				
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,				
	smg-31 16/02/2000			<a href="#">get it</a>	remarks - general:
	NP-07 17/03/2000			<a href="#">get it</a>	remarks - this release: TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
	smg-32 20/06/2000			<a href="#">get it</a>	
	8 . 0 . 0				
	8 . 1 . 0				
	8 . 2 . 0				
<hr/>					
<b>TS 03.71</b>	<b>Location Services (LCS); Functional description; Stage 2</b>				
R99	current version: 8.3.0	WG (prime / other):	S2 / -	rapporteur:	BROOK, Richard SAMSUNG Electronics Research Institute
	freeze_meeting:	G: yes	U:	MCC:	SULTAN, Alain
	history (event, available, version,				
	Upgrade to R99 30/06/2000			<a href="#">get it</a>	remarks - general:
	SP-11 11/04/2001			<a href="#">get it</a>	remarks - this release: Need identified at TSG#7, since 23.171 does not cover GSM.
	SP-12 29/06/2001			<a href="#">get it</a>	
	SP-13 15/10/2001			<a href="#">get it</a>	
	8 . 0 . 0				
	8 . 1 . 0				
	8 . 2 . 0				
	8 . 3 . 0				

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

## 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

<b>TS 04.01</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles</b>				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i>		Peter Skov		
	<i>history (event, available, version,</i>	G: yes U:	MCC: JORGENSEN, Per Johan		
	smg-31 16/02/2000 8 . 0 . 0				<a href="#">get it</a> <i>remarks - general:</i>
					<i>remarks - this release:</i> #31: 8.0.0
<b>TS 04.03</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</b>				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i>		Peter Skov		
	<i>history (event, available, version,</i>	G: yes U:	MCC: THOMASEN, Gert		
	smg-30 11/11/1999 8 . 0 . 0				<a href="#">get it</a> <i>remarks - general:</i>
	ETSI publication 07/09/2001 8 . 0 . 1				<a href="#">get it</a> <i>remarks - this release:</i>
<b>TS 04.04</b>	<b>Layer 1 - General Requirements</b>				
R99	<i>current version:</i> 8.1.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
	<i>freeze_meeting:</i>	G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version,</i>				<a href="#">get it</a> <i>remarks - general:</i>
	smg-30 11/11/1999 8 . 0 . 0				<a href="#">get it</a> <i>remarks - this release:</i>
	smg-30 bis 06/12/1999 8 . 1 . 0				<a href="#">get it</a>
	ETSI publication 07/09/2001 8 . 1 . 1				<a href="#">get it</a>
<b>TS 04.05</b>	<b>Data Link (DL) Layer General Aspects</b>				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i>		Peter Skov		
	<i>history (event, available, version,</i>	G: yes U:	MCC: THOMASEN, Gert		
	Upgrade to R99 30/03/2000 8 . 0 . 0				<a href="#">get it</a> <i>remarks - general:</i>
	ETSI publication 22/09/2000 8 . 0 . 1				<a href="#">get it</a> <i>remarks - this release:</i> .

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<b>TS 04.06</b>	<b>Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification</b>				
R99	current version: 8.1.1	WG (prime / other): G2 / -	rappporteur: 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 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: . GERAN#3:8.1.0		
	GP-03 31/01/2001 8 . 1 . 0	<a href="#">get it</a>			
	edito 31/01/2001 8 . 1 . 1	<a href="#">get it</a>			

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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	rappporteur: HOWELL, Andrew	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-29 30/06/2000 8 . 0 . 0	<a href="#">get it</a>	remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert		
			remarks - this release: #29: 8.0.0 but this should not have been created! (24.008 instead). NP-13: 04.09		
			Thomassen (even numbered CRs!)		
			R99 reinstated until all references corrected (= never!).		

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<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>				
R99	current version: 8.0.0	WG (prime / other): G2 / T2	rappporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: GP-04		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	GP-04 24/04/2001 8 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: Replaces 24.012 R99.		

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<b>TS 04.13</b>	<b>Performance Requirements on Mobile Radio Interface</b>				
R99	current version: 8.0.1	WG (prime / other): N1 / -	rappporteur: PUDNEY, Chris	VODAFONE Group Plc	
	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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## TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions

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 8 . 0 . 0 [get it](#) *remarks - general:*  
smg-32 20/06/2000 8 . 1 . 0 [get it](#) *remarks - this release:* #32:8.1.0  
GP-04 24/04/2001 8 . 2 . 0 [get it](#)  
GP-05 18/06/2001 8 . 3 . 0 [get it](#)

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## TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

R99 *current version:* 8.11.0 *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 [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 05/10/2000 8 . 3 . 1 [get it](#)  
smg-31 bis 17/04/2000 8 . 4 . 0 [get it](#)  
ETSI publication 17/10/2000 8 . 4 . 1 [get it](#)  
smg-32 20/06/2000 8 . 5 . 0 [get it](#)  
GP-01 11/10/2000 8 . 6 . 0 [get it](#)  
GP-02 21/12/2000 8 . 7 . 0 [get it](#)  
GP-03 31/01/2001 8 . 8 . 0 [get it](#)  
GP-04 04/05/2001 8 . 9 . 0 [get it](#)  
GP-05 18/06/2001 8 . 10 . 0 [get it](#)  
GP-06 10/09/2001 8 . 11 . 0 [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 [get it](#) *remarks - general:*  
NP-08 28/06/2000 8 . 1 . 0 [get it](#) *remarks - this release:* #29: 8.0.0 TSG#8:8.1.0 TSG#9:8.2.0 TSG#10:8.3.0  
NP-09 18/10/2000 8 . 2 . 0 [get it](#)  
NP-10 21/12/2000 8 . 3 . 0 [get it](#)

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**TS 04.31 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)**  
R99 *current version:* 8.6.0 *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 [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-03 31/01/2001 8 . 3 . 0 [get it](#)  
GP-04 04/05/2001 8 . 4 . 0 [get it](#)  
GP-05 18/06/2001 8 . 5 . 0 [get it](#)  
GP-06 14/09/2001 8 . 6 . 0 [get it](#)

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**TS 04.35 Location Services LCS Stage 3 E-OTD Enhanced Observed**  
R99 *current version:* 8.3.0 *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 [get it](#) *remarks - general:*  
smg-31 bis 17/04/2000 8 . 1 . 0 [get it](#) *remarks - this release:* . GERAN#1:8.2.0 GERAN#3:8.3.0  
GP-01 11/10/2000 8 . 2 . 0 [get it](#)  
GP-03 31/01/2001 8 . 3 . 0 [get it](#)

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**TS 04.56 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification**  
R99 *current version:* 8.0.1 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL SEL AG  
*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:*  
ETSI publication 29/08/2000 8 . 0 . 1 [get it](#) *remarks - this release:* #31: 8.0.0

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**TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification**  
R99 *current version:* 8.0.1 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL SEL AG  
*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:*  
ETSI publication 29/08/2000 8 . 0 . 1 [get it](#) *remarks - this release:* #31: 8.0.0

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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**

R99 *current version:* 8.11.0 *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	8	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-30	11/11/1999	8	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-30 bis	06/12/1999	8	.	2	.	0	<a href="#">get it</a>	
smg-31	16/02/2000	8	.	3	.	0	<a href="#">get it</a>	
ETSI publication	05/10/2000	8	.	3	.	1	<a href="#">get it</a>	
smg-31 bis	17/04/2000	8	.	4	.	0	<a href="#">get it</a>	
ETSI publication	17/10/2000	8	.	4	.	1	<a href="#">get it</a>	
smg-32	20/06/2000	8	.	5	.	0	<a href="#">get it</a>	
GP-01	11/10/2000	8	.	6	.	0	<a href="#">get it</a>	
GP-02	27/11/2000	8	.	7	.	0	<a href="#">get it</a>	
GP-03	31/01/2001	8	.	8	.	0	<a href="#">get it</a>	
GP-04	04/05/2001	8	.	9	.	0	<a href="#">get it</a>	
GP-05	29/06/2001	8	.	10	.	0	<a href="#">get it</a>	
GP-06	14/09/2001	8	.	11	.	0	<a href="#">get it</a>	

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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 Deutsche Telekom MobilNet 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>	<i>remarks - general:</i>
Editorial correction	27/04/2000	8	.	0	.	1	<a href="#">get it</a>	<i>remarks - this release: #31: 8.0.0</i>

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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**

R99 *current version:* 8.6.0 *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>	<i>remarks - general:</i>
smg-30	11/11/1999	8	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
Post SP-06	17/12/1999	8	.	2	.	0	<a href="#">get it</a>	
smg-31	16/02/2000	8	.	3	.	0	<a href="#">get it</a>	
NP-08	22/06/2000	8	.	4	.	0	<a href="#">get it</a>	
NP-09	12/10/2000	8	.	5	.	0	<a href="#">get it</a>	
NP-10	02/01/2001	8	.	6	.	0	<a href="#">get it</a>	

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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>				
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			<a href="#">get it</a>	remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.
	NP-09 12/10/2000			<a href="#">get it</a>	remarks - this release:
	NP-13 02/10/2001			<a href="#">get it</a>	
<hr/>					
<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			<a href="#">get it</a>	remarks - general:
	NP-07 17/03/2000			<a href="#">get it</a>	remarks - this release:
<hr/>					
<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			<a href="#">get it</a>	remarks - general:
	NP-07 17/03/2000			<a href="#">get it</a>	remarks - this release:
<hr/>					
<b>TS 04.71</b>	<b>Location Services (LCS); Mobile radio interface layer 3 specification</b>				
R99	current version: 8.2.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels MOTOROLA A/S
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov THOMASEN, Gert
	history (event, available, version,				
	Upgrade to R99 30/06/2000			<a href="#">get it</a>	remarks - general: Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.
	smg-31 20/03/2000			<a href="#">get it</a>	remarks - this release: #32:8.1.0
	GP-05 18/06/2001			<a href="#">get it</a>	

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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)

### TS 05.01 Physical Layer on the Radio Path (General Description)

R99 current version: 8.5.0 WG (prime / other): GP / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES  
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: #29: 8.0.0 #30: 8.1.0 #30b:8.2.0 #31:8.3.0 #32:8.4.0 GERAN#1:8.5.0  
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-32 20/06/2000 8 . 4 . 0 [get it](#)  
GP-01 09/10/2000 8 . 5 . 0 [get it](#)

### TS 05.02 Multiplexing and Multiple Access on the Radio Path

R99 current version: 8.10.0 WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist 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 . 1 [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](#)  
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](#)

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<b>TS 05.03</b>	<b>Channel coding</b>								
R99	current version: 8.6.1			WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist	NOKIA Corporation			
	freeze_meeting:			G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,								
	smg-29 30/06/1999	8	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999	8	.	1	.	0	<a href="#">get it</a>	remarks - this release: #29: 8.0.0 #30: 8.1.0 #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	<a href="#">get it</a>		
	smg-31 16/02/2000	8	.	3	.	0	<a href="#">get it</a>		
	smg-31 bis 17/04/2000	8	.	4	.	0	<a href="#">get it</a>		
	ETSI publication 17/10/2000	8	.	4	.	1	<a href="#">get it</a>		
	smg-32 20/06/2000	8	.	5	.	0	<a href="#">get it</a>		
	GP-02 24/11/2000	8	.	6	.	0	<a href="#">get it</a>		
	edito 15/02/2001	8	.	6	.	1	<a href="#">get it</a>		

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<b>TS 05.04</b>	<b>Modulation</b>								
R99	current version: 8.3.0			WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist	NOKIA Corporation			
	freeze_meeting:			G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,								
	smg-28 12/02/1999	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: #28: 8.0.0 #30b 8.1.0 GERAN#3:8.2.0	
	edito 02/12/2000	8	.	1	.	1	<a href="#">get it</a>		
	ETSI publication 21/02/2001	8	.	1	.	2	<a href="#">get it</a>		
	GP-03 15/02/2001	8	.	2	.	0	<a href="#">get it</a>		
	GP-05 29/06/2001	8	.	3	.	0	<a href="#">get it</a>		

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## TS 05.05 Radio Transmission and Reception

R99 current version: 8.11.0

freeze\_meeting:

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

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
ETSI publication	29/09/2000	8	.	3	.	1
smg-31 bis	17/04/2000	8	.	4	.	0
smg-32	20/06/2000	8	.	5	.	0
GP-01	10/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
edito	30/11/2000	8	.	7	.	1
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-05	29/06/2001	8	.	10	.	0
GP-06	01/10/2001	8	.	11	.	0

[get it](#) remarks - general:

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

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## TS 05.08 Radio Subsystem Link Control

R99 current version: 8.11.0

freeze\_meeting:

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

G: yes U: MCC: USAI, Paolino

VODAFONE Group Plc

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

[get it](#) remarks - general:

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

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<b>TS 05.09</b>	<b>Link adaptation</b>					
R99	current version: 8.4.0		WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	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 05/10/2000	8 . 0 . 1	<a href="#">get it</a>	remarks - this release:		
	smg-32 20/06/2000	8 . 1 . 0	<a href="#">get it</a>			
	GP-02 24/11/2000	8 . 2 . 0	<a href="#">get it</a>			
	GP-03 15/01/2001	8 . 3 . 0	<a href="#">get it</a>			
	GP-06 01/10/2001	8 . 4 . 0	<a href="#">get it</a>			

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<b>TS 05.10</b>	<b>Radio subsystem synchronization</b>					
R99	current version: 8.8.0		WG (prime / other): G1 / -	rapporteur: JOKINEN, Harri	NOKIA MOBILE PHONES	
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino		
	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: #30: 8.0.0 #30b: 8.1.0 #31:8.2.0 #31b:8.2.0 #32:8.4.0 GERAN#1:8.5.0		
				GERAN#2:8.6.0 GERAN#3:8.7.0 GERAN#4:8.8.0		
	smg-31 16/02/1999	8 . 2 . 0	<a href="#">get it</a>			
	ETSI publication 29/09/2000	8 . 2 . 1	<a href="#">get it</a>			
	smg-31 bis 17/04/2000	8 . 3 . 0	<a href="#">get it</a>			
	smg-32 20/06/2000	8 . 4 . 0	<a href="#">get it</a>			
	GP-01 10/10/2000	8 . 5 . 0	<a href="#">get it</a>			
	GP-02 24/11/2000	8 . 6 . 0	<a href="#">get it</a>			
	edito 30/11/2000	8 . 6 . 1	<a href="#">get it</a>			
	GP-03 15/02/2001	8 . 7 . 0	<a href="#">get it</a>			
	GP-04 20/04/2001	8 . 8 . 0	<a href="#">get it</a>			

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<b>TR 05.22</b>	<b>Radio link management in hierarchical networks</b>					
R99	current version: 8.0.0		WG (prime / other): G1 / -	rapporteur: VAN BUSSEL, Han	Deutsche Telekom MobilNet GmbH	
	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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**TR 05.50 Background for RF Requirements**

R99 *current version: 8.2.0*  
*freeze\_meeting:*

*history (event, available, version,*  
smg-30 11/11/1999 8 . 0 . 0  
smg-31 16/02/2000 8 . 1 . 0  
smg-31 bis 17/04/2000 8 . 2 . 0

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
G: yes U: *MCC:* USAI, Paolino  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #30: 8.0.0 #31:8.1.0 #31b:8.2.0*  
[get it](#)

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**TS 05.56 CTS-FP Radio Sub-system**

R99 *current version: 8.0.1*  
*freeze\_meeting:*

*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0  
ETSI Publication 17/10/2000 8 . 0 . 1

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino ETSI Secretariat  
G: yes U: *MCC:* USAI, Paolino  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: .*

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<b>TS 06.01</b>	<b>Full Rate Speech Processing Functions</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 06.02</b>	<b>Half Rate Speech Processing Functions</b>					
R99	current version: 8.0.0	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:			
			remarks - this release: .			
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<b>TS 06.06</b>	<b>Half Rate Speech: ANSI-C Code 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: .			
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<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: .			
<hr/>						
<b>TR 06.08</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>					
R99	current version: 8.0.0	WG (prime / other): S4 / -	rapporteur: SALEM, Tarek	Deutsche Telekom MobilNet GmbH		
	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: .			

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<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>				
<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	<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 06.21</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	<a href="#">get it</a>	remarks - general:			
	ETSI publicatoin 15/11/2000 8 . 0 . 1	<a href="#">get it</a>	remarks - this release: .			

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**TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels**

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELOK, Steve MOTOROLA Ltd  
*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 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels**

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 [get it](#) *remarks - general:*  
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

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**TS 06.32 Voice Activity Detection (VAD)**

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul BT Group Plc  
*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 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels**

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 [get it](#) *remarks - general:*  
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

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**TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels**

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul BT Group Plc  
*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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<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>		

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<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	
	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 06.54</b>	<b>Test sequences for the GSM Enhanced Full Rate (EFR)</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>		
	SP-10 20/12/2000	8 . 2 . 0		<a href="#">get it</a>		

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<b>TR 06.55</b>	<b>Performance characterisation of the GSM EFR Speech Codec</b>					
R99	current version: 8.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	Deutsche Telekom MobilNet GmbH
	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: .	

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<b>TS 06.60</b>	<b>Enhanced full rate speech transcoding</b>								
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						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 15/11/2000						<a href="#">get it</a>	remarks - this release: .	
	8 . 0 . 0								
	8 . 0 . 1								
<b>TS 06.61</b>	<b>Substitution and muting of lost frames for enhanced full rate speech traffic channels</b>								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 15/11/2000						<a href="#">get it</a>	remarks - this release: .	
	8 . 0 . 0								
	8 . 0 . 1								
<b>TS 06.62</b>	<b>Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels</b>								
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						<a href="#">get it</a>	remarks - general:	
	ETSI Publication 15/11/2000						<a href="#">get it</a>	remarks - this release: .	
	8 . 0 . 0								
	8 . 0 . 1								
<b>TR 06.76</b>	<b>Adaptive Multi-Rate (AMR) speech codec; Study phase report</b>								
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,								
	SP-07 17/03/2000						<a href="#">get it</a>	remarks - general: New at SMG#31. Then became 06.77; new 06.76 has new title.	
	8 . 0 . 0							remarks - this release: TSG#7:2.0.0, 8.0.0	
<b>TS 06.77</b>	<b>Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder</b>								
R99	current version: 8.1.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-32 20/06/2000						<a href="#">get it</a>	remarks - general:	
	SP-11 10/04/2001						<a href="#">get it</a>	remarks - this release: #32:8.0.0 TSG#11:8.1.0	
	edito 03/05/2001						<a href="#">get it</a>		
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	8 . 1 . 0								
	8 . 1 . 1								

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<b>TR 06.78</b>	<b>Results of the AMR noise suppression selection phase</b>					
R99	current version: 8.0.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, smg-32 20/06/2000 8 . 0 . 0			<a href="#">get it</a>	remarks - general: remarks - this release: #32:8.0.0	
<hr/>						
<b>TS 06.81</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>					
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting:	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: remarks - this release: .	
<hr/>						
<b>TS 06.82</b>	<b>Voice Activity Detection (VAD) for enhanced full rate speech traffic channels</b>					
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting:	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: remarks - this release: .	
<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>					
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			<a href="#">get it</a>	remarks - general: remarks - this release: .	

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## 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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<b>TS 08.01</b>	<b>General Aspects on the BSS-MSC Interface</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: 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>					
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: remarks - this release: .			

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<b>TS 08.04</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 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: remarks - this release: .			

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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>					
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: remarks - this release: .			

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<b>TS 08.08</b>	<b>Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>					
R99	current version: 8.10.0	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	<a href="#">get it</a>	remarks - general:		
	smg-30 11/11/1999	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
	smg-30 bis 06/12/1999	8 . 2 . 0	<a href="#">get it</a>			
	smg-31 16/02/2000	8 . 3 . 0	<a href="#">get it</a>			
	smg-31 bis 17/04/2000	8 . 4 . 0	<a href="#">get it</a>			
	Fix graphics 16/05/2000	8 . 4 . 1	<a href="#">get it</a>			
	smg-32 20/06/2000	8 . 5 . 0	<a href="#">get it</a>			
	GP-01 11/10/2000	8 . 6 . 0	<a href="#">get it</a>			
	GP-02 27/11/2000	8 . 7 . 0	<a href="#">get it</a>			
	GP-03 31/01/2001	8 . 8 . 0	<a href="#">get it</a>			
	GP-04 04/05/2001	8 . 9 . 0	<a href="#">get it</a>			
	GP-06 14/09/2001	8 . 10 . 0	<a href="#">get it</a>			

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<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>					
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	<a href="#">get it</a>	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	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-31 16/02/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:		
				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>								
R99	<i>current version:</i> 8.9.0			<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA			
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	smg-30 11/11/1999	8	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-30 bis 06/12/1999	8	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> #30: 8.0.0 #30b: 8.1.0 #31:8.2.0 #31b:8.3.0 GERAN#1:8.4.0 GERAN#2:8.5.0 GERAN#3:8.6.0	
	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>		

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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>								
R99	<i>current version:</i> 8.4.1			<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation			
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-29 30/06/1999	8	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-30 11/11/1999	8	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	NP-09 18/10/2000	8	.	2	.	0	<a href="#">get it</a>		
	NP-10 21/12/2000	8	.	3	.	0	<a href="#">get it</a>		
	NP-11 04/04/2001	8	.	4	.	0	<a href="#">get it</a>		
	ETSI-format publication	8	.	4	.	1		ETSI publication only - 3GPP tp use 8.4.0	

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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	<i>current version:</i> 8.1.0			<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> Peter Skov THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	Upgrade to R99 11/05/2000	8	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	GP-05 18/06/2001	8	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> .	

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<b>TS 08.51</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>					
R99	<i>current version:</i> 8.0.0 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
<b>TS 08.52</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles</b>					
R99	<i>current version:</i> 8.0.0 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
<b>TS 08.54</b>	<b>BSC-BTS : Layer 1 Structure of Physical Circuits</b>					
R99	<i>current version:</i> 8.0.0 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
<b>TS 08.56</b>	<b>BSC-BTS Layer 2 Specification</b>					
R99	<i>current version:</i> 8.0.0 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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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					remarks - general:
	smg-30 11/11/1999					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					
	smg-31 16/02/2000					
	smg-31 bis 17/04/2000					
	GP-01 11/10/2000					
	GP-02 30/11/2000					

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<b>TS 08.60</b>	<b>Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR</b>					
R99	current version: 8.1.1	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-30 11/11/1999					remarks - general:
	smg-30 bis 06/12/1999					remarks - this release:
	ETSI publication 30/10/2001					

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<b>TS 08.61</b>	<b>Inband Control of Remote Transcoder and Rate Adaptors; (Half Rate)</b>					
R99	current version: 8.0.1	WG (prime / other):	G2 / NP	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					remarks - general:
	ETSI Publication 15/11/2000					remarks - this release: .

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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					remarks - general: SMG11->S4 at SMG#30
	edito 08/08/2000					remarks - this release: .

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**TS 08.71 Location services (LCS) SMLC-BSS interface L 3**

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,  
smg-31 16/02/2000 8 . 0 . 0  
smg-31 bis 17/04/2000 8 . 1 . 0  
GP-02 30/11/2000 8 . 2 . 0  
GP-06 14/09/2001 8 . 3 . 0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
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## 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

### TR 09.01 General Network Interworking Scenarios

R99 current version: 8.0.0  
freeze\_meeting:  
history (event, available, version,  
NP-07 15/03/2000 8 . 0 . 0

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

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

### TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface

R99 current version: 8.1.0  
freeze\_meeting:  
history (event, available, version,  
smg-31 16/02/2000 8 . 0 . 0  
NP-10 02/01/2001 8 . 1 . 0

WG (prime / other): N1 / - rapporteur: JUKIC, Zdravko ERICSSON Eurolab Deutschland GmbH  
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:  
[get it](#) remarks - this release: #31: 8.0.0 TSG#10:8.1.0

### TS 09.31 Location Services LCS Extension (BSSAP-LE)

R99 current version: 8.4.0  
freeze\_meeting:  
history (event, available, version,  
smg-31 16/02/2000 8 . 0 . 0  
smg-31 bis 17/04/2000 8 . 1 . 0  
smg-32 20/06/2000 8 . 2 . 0  
GP-01 01/09/2000 8 . 3 . 0  
GP-06 14/09/2001 8 . 4 . 0

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

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[get it](#) remarks - this release:  
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## 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 8 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>						
<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 1 . 20 . 0 draft 01/04/2000 1 . 22 . 0 draft 25/05/2000 1 . 23 . 0 smg-32 20/06/2000 8 . 0 . 0				<a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>						
<b>TR 10.76</b>	<b>Noise suppression for the AMR codec; Project scheduling and open issues</b>					
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 draft 15/10/1999 1 . 0 . 0				<a href="#">get it</a> <a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>						
<b>TS 10.89</b>	<b>GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;</b>					
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 draft 08/04/2000 0 . 0 . 4 draft 19/04/2000 0 . 0 . 5 draft 04/08/2000 0 . 0 . 6				<a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>	remarks - general: remarks - this release:

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## 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

### TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification

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: CLAYTON, Michael  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently  
smg-31 16/02/2000 8 . 1 . 0 [get it](#) *remarks - this release:* #32:closed. #32:8.2.0 GP-06: Rel-4 serves all releases. GP-06: reopened and  
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.  
reclosed!  
smg-32 20/06/2000 8 . 2 . 0 [get it](#)  
GP-06 14/09/2001 8 . 3 . 0 [get it](#)

### TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R99 *current version:* 8.5.0 *freeze\_meeting:* WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
G: yes U: MCC: SANDERS, Michael  
*history (event, available, version,*  
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*  
smg-31 16/02/2000 8 . 2 . 0 [get it](#)  
smg-32 20/06/2000 8 . 3 . 0 [get it](#)  
TP-09 18/10/2000 8 . 4 . 0 [get it](#)  
TP-11 09/04/2001 8 . 5 . 0 [get it](#)

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



## 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

<b>TS 12.03</b>	<b>Security Management</b>				
R99	current version: 8.0.0	WG (prime / other): S5 / S1 / NP	rapporteur: ZOICAS, Adrian	ETSI Secretariat	
	freeze_meeting:	G: yes U:	MCC: ZOICAS, Adrian		
	history (event, available, version, Upgrade to R99 19/04/2000 8 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release:		
<b>TS 12.04</b>	<b>Performance data measurements</b>				
R99	current version: 8.0.0	WG (prime / other): S5 / S1 / NP	rapporteur: ZOICAS, Adrian	ETSI Secretariat	
	freeze_meeting:	G: yes U:	MCC: ZOICAS, Adrian		
	history (event, available, version, Upgrade to R99 19/04/2000 8 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release:		
<b>TS 12.71</b>	<b>Location Services (LCS); Location services management</b>				
R99	current version: 8.0.1	WG (prime / other): S5 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting:	G: yes U:	MCC: ZOICAS, Adrian		
	history (event, available, version,	<a href="#">get it</a>	remarks - general: TSG#11:S5 will no longer maintain.		
	draft 22/09/1999 0 . 0 . 1	<a href="#">get it</a>	remarks - this release: TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.		
	draft 18/10/1999 0 . 0 . 2	<a href="#">get it</a>			
	draft 03/12/1999 0 . 0 . 3	<a href="#">get it</a>			
	draft 22/12/1999 0 . 0 . 4	<a href="#">get it</a>			
	draft 17/01/2000 0 . 0 . 5	<a href="#">get it</a>			
	draft 22/05/2000 2 . 0 . 0	<a href="#">get it</a>			
	draft 25/05/2000 2 . 0 . 1	<a href="#">get it</a>			
	SP-08 21/06/2000 7 . 0 . 0	<a href="#">get it</a>			
	SP-08 21/06/2000 8 . 0 . 0	<a href="#">get it</a>			
	ETSI Publication 30/11/2000 8 . 0 . 1	<a href="#">get it</a>			

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)

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

### TS 21.101 3rd Generation mobile system Release 1999 Specifications

R99	<i>current version:</i> 3.5.0	WG (prime / other):	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat
	<i>freeze_meeting:</i> SP-07	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
<i>history (event, available, version,</i>						
	SP-05 13/10/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-06 17/12/1999	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
corrections		2 . 2 . 0		post SP-06		
	SP-07	2 . 3 . 0		SP-000037		
	SP-07	2 . 4 . 0		SP-000104		
	SP-07	2 . 5 . 0				
	SP-07 17/03/2000	3 . 0 . 0	<a href="#">get it</a>			
editorial	30/03/2000	3 . 0 . 1	<a href="#">get it</a>			
post-SP-08	28/06/2000	3 . 1 . 0	<a href="#">get it</a>			
	SP-10 04/01/2001	3 . 2 . 0	<a href="#">get it</a>			
	SP-11 11/04/2001	3 . 3 . 0	<a href="#">get it</a>			
	SP-12 05/07/2001	3 . 4 . 0	<a href="#">get it</a>			
	SP-13 01/10/2001	3 . 5 . 0	<a href="#">get it</a>			

### TS 21.111 USIM and IC card requirements

R99	<i>current version:</i> 3.3.0	WG (prime / other):	T3 / -	<i>rapporteur:</i>	KALINER, Stefan	Deutsche Telekom MobilNet GmbH
	<i>freeze_meeting:</i> SP-03	G:	U: yes	<i>MCC:</i>	SANDERS, Michael	
<i>history (event, available, version,</i>						
	draft 16/10/1998	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>		
Transfer from smg9 to T3	04/03/1999	1 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	T3 21/04/1999	2 . 0 . 0	<a href="#">get it</a>			
	TP-03 23/04/1999	3 . 0 . 0	<a href="#">get it</a>			
	TP-06 17/12/1999	3 . 0 . 1	<a href="#">get it</a>			
	TP-07 15/03/2000	3 . 1 . 0	<a href="#">get it</a>			
	TP-08 23/06/2000	3 . 2 . 0	<a href="#">get it</a>			
	TP-09 18/10/2000	3 . 3 . 0	<a href="#">get it</a>			

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[http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TS 21.133 Security threats and requirements

R99 current version: 3.1.0  
freeze\_meeting: SP-03

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

history (event, available, version,

draft	20/08/1998	0	.	0	.	1
draft	20/10/1998	1	.	0	.	0
WG approval	20/12/1998	2	.	0	.	0
SP-03	23/04/1999	3	.	0	.	0
SP-06	17/12/1999	3	.	1	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release: .  
[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  
RODERMUND, Friedhelm  
G: U: yes MCC:

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 TSG#8:3.0.0

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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  
POPE, Maurice  
G: U: yes MCC:

history (event, available, version,

SP-03	23/04/1999	3	.	0	.	0
SP-04	23/06/1999	3	.	1	.	0
SP-05	13/10/1999	3	.	2	.	0
SP-08	28/06/2000	3	.	3	.	0
SP-09	04/10/2000	3	.	4	.	0
SP-10	04/01/2001	3	.	5	.	0
SP-11	11/04/2001	3	.	6	.	0

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

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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](#)

[get it](#)

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[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 One 2 One Personal Communications Limited

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](#)

[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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## TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 current version: 3.0.0  
freeze\_meeting: SP-08  
history (event, available, version,

WG (prime / other): T2 / - rapporteur: PERSSON, Sofi TELIA AB  
G: U: yes MCC: RODERMUND, Friedhelm

TP-03 0 . 1 . 0  
TP-04 0 . 2 . 0

remarks - general: TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified  
remarks - this release: TSG#7: 2.0.0, but not approved. Number changed to 21.810. TSG#8: Re-instated  
with changed title and contents. TSG#8:3.0.0 (2.1.0)

TP-05 08/10/1999 1 . 0 . 1  
TP-06 17/12/1999 1 . 3 . 2  
TP-07 2 . 0 . 0  
TP-08 2 . 1 . 0  
TP-08 15/03/2000 3 . 0 . 0

[get it](#)

[get it](#)

[get it](#)

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## TR 21.978 Feasibility Technical Report – CAMEL Control of VoIP Services

R99 current version: 3.0.0  
freeze\_meeting: SP-07  
history (event, available, version,

WG (prime / other): N2 / - rapporteur:  
G: yes U: yes MCC: JURISIC, Andrijana

NP-06 17/12/1999 2 . 0 . 0  
Revised clause 11 14/01/2000 2 . 1 . 0  
NP-08 2 . 1 . 1  
NP-08 23/06/2000 3 . 0 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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

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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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<b>TS 22.001</b>	<b>Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)</b>					
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>	remarks - general:	Transfer>TSG#5
	SP-06 17/12/1999	3 . 1 . 0		<a href="#">get it</a>	remarks - this release:	
	edito 18/01/2000	3 . 1 . 1		<a href="#">get it</a>		
	SP-07 17/03/2000	3 . 2 . 0		<a href="#">get it</a>		
<hr/>						
<b>TS 22.002</b>	<b>Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)</b>					
R99	current version: 3.6.0	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 13/10/1999	3 . 1 . 0		<a href="#">get it</a>	remarks - general:	Transfer>TSG#4
	SP-06 17/12/1999	3 . 2 . 0		<a href="#">get it</a>	remarks - this release:	
	SP-07 15/03/2000	3 . 3 . 0		<a href="#">get it</a>		
	SP-08 23/06/2000	3 . 4 . 0		<a href="#">get it</a>		
	SP-09 18/10/2000	3 . 5 . 0		<a href="#">get it</a>		
	SP-11 02/04/2001	3 . 6 . 0		<a href="#">get it</a>		
<hr/>						
<b>TS 22.003</b>	<b>Circuit Teleservices supported by a Public Land Mobile Network (PLMN)</b>					
R99	current version: 3.3.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation
	freeze_meeting: SP-08	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>	remarks - general:	Transfer>TSG#5
	SP-06 17/12/1999	3 . 1 . 0		<a href="#">get it</a>	remarks - this release:	
	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>		

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## TS 22.004 General on Supplementary Services

R99 *current version:* 3.2.1 *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 13/10/1999 3 . 0 . 1 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*  
SP-07 15/03/2000 3 . 2 . 0 [get it](#)  
Editorial 15/03/2000 3 . 2 . 1 [get it](#)

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## TS 22.011 Service accessibility

R99 *current version:* 3.5.0 *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 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-05 30/10/1999 3 . 0 . 1 [get it](#) *remarks - this release:*  
SP-06 17/12/1999 3 . 1 . 1 [get it](#)  
SP-07 17/03/2000 3 . 2 . 0 [get it](#)  
SP-09 18/10/2000 3 . 3 . 0 [get it](#)  
SP-11 02/04/2001 3 . 4 . 0 [get it](#)  
SP-12 27/06/2001 3 . 5 . 0 [get it](#)

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## TS 22.016 International Mobile Equipment Identities (IMEI)

R99 *current version:* 3.2.0 *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 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*  
SP-08 28/06/2000 3 . 2 . 0 [get it](#)

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## TS 22.022 Personalisation of Mobile Equipment (ME); Mobile functionality specification

R99 *current version:* 3.1.0 *WG (prime / other):* S3 / - *rapporteur:* NGUYEN NGOC, 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 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-08 28/06/2000 3 . 1 . 0 [get it](#) *remarks - this release:* difficulty in implementing CR

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<b>TS 22.024</b>	<b>Description of Charge Advice Information (CAI)</b>					
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 22.030</b>	<b>Man-Machine Interface (MMI) of the User Equipment (UE)</b>					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TOIVANEN, Annukka	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-05 30/10/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-05 30/10/1999 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-06 17/12/1999 3 . 2 . 0	<a href="#">get it</a>				
	SP-07 17/03/2000 3 . 3 . 0	<a href="#">get it</a>				
	SP-09 18/10/2000 3 . 4 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 22.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>					
R99	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-07 15/03/2000 3 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	edito 25/04/2000 3 . 2 . 1	<a href="#">get it</a>				
<hr/>						
<b>TS 22.038</b>	<b>USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1</b>					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	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 30/10/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-07 17/03/2000 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-08 28/06/2000 3 . 2 . 0	<a href="#">get it</a>				

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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>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen		VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-05		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999	3 . 1 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	
	SP-10 08/01/2001	3 . 2 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	SP-11 02/04/2001	3 . 3 . 0		<a href="#">get it</a>		
	edito 26/04/2001	3 . 3 . 1		<a href="#">get it</a>		

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<b>TS 22.042</b>	<b>Network Identity and Time Zone (NITZ), stage 1</b>					
R99	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DAHLKVIST, Mikael		ERICSSON MOBILE COMMUNICATIONS AB
	<i>freeze_meeting:</i> SP-05		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</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.	

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<b>TS 22.057</b>	<b>Mobile Execution Environment (MExE); Stage 1</b>					
R99	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark		Openwave Systems (N.I.) Ltd
	<i>freeze_meeting:</i> SP-05		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	SP-05 25/10/1999	3 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution	
	edito 25/10/1999	3 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i> . Environment (MExE); Stage 1".	

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<b>TS 22.060</b>	<b>General Packet Radio Service (GPRS); Service description; Stage 1</b>					
R99	<i>current version:</i> 3.5.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul		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> Transfer>TSG#4	
	SP-06 17/12/1999	3 . 2 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	SP-07 15/03/2000	3 . 3 . 0		<a href="#">get it</a>		
	SP-08 28/06/2000	3 . 4 . 0		<a href="#">get it</a>		
	SP-09 18/10/2000	3 . 5 . 0		<a href="#">get it</a>		

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



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

R99 *current version:* 3.2.0  
*freeze\_meeting:* SP-05  
*history (event, available, version,*  
SP-05 13/10/1999 3 . 0 . 1  
SP-07 15/03/2000 3 . 1 . 0  
SP-08 28/06/2000 3 . 2 . 0

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

ETSI Secretariat

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

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**TS 22.067 enhanced Multi-Level Precedence and Pre-emption service (eMLPP); 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:* SWETINA, Joerg  
*G: yes U: yes* *MCC:* CLAYTON, Michael

SIEMENS AG

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

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**TS 22.071 Location Services (LCS); Stage 1**

R99 *current version:* 3.3.0  
*freeze\_meeting:* SP-05  
*history (event, available, version,*  
SP-05 13/10/1999 3 . 1 . 0  
SP-06 17/12/1999 3 . 2 . 0  
SP-09 18/10/2000 3 . 3 . 0

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

SBC Communications Inc.

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

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**TS 22.072 Call Deflection (CD); 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:* RAUCH, Horst  
*G: yes U: yes* *MCC:* CLAYTON, Michael

Deutsche Telekom MobilNet GmbH

[get it](#) *remarks - general:* Transfer>TSG#4  
*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 22.078</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1</b>				
R99	<i>current version:</i> 3.8.0	<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> Transfer>TSG#4	
	SP-06 17/12/1999	3 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	SP-07 15/03/2000	3 . 3 . 0	<a href="#">get it</a>		
	SP-08 28/06/2000	3 . 4 . 0	<a href="#">get it</a>		
	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>		
<hr/>					
<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> .	
<hr/>					
<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>	
<hr/>					
<b>TS 22.082</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>				
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom	
	<i>freeze_meeting:</i> SP-05	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 22.088</b>	<b>Call Barring (CB) supplementary services; Stage 1</b>						
R99	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	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				
	edito 27/11/2000 3 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i> .				
<b>TS 22.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 1</b>						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</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> .				
<b>TS 22.091</b>	<b>Explicit Call Transfer (ECT) supplementary service; Stage 1</b>						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	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-09 18/10/2000 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
<b>TS 22.093</b>	<b>Completion of Calls to Busy Subscriber (CCBS); Service description, 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> .				
<b>TS 22.094</b>	<b>Follow Me service description - Stage 1</b>						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BERGMANN, Ansgar	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-06 17/12/1999 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5				
			<i>remarks - this release:</i> 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](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[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:  
[get it](#)  
[get it](#)  
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[get it](#)

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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:  
[get it](#) remarks - this release: TSG#7: 3.8.0 TSG#8:3.9.0 TSG#10:3.10.0  
[get it](#)  
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G = required in systems with GERAN acces; U = required in systems with UMTS

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## TS 22.115 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: TSG#7: 3.3.0  
[get it](#)  
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[get it](#)

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## TS 22.121 Service aspects; The Virtual Home Environment; Stage 1

R99 current version: 3.3.0  
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

[get it](#) remarks - general: Former title: "Provision of Services in UMTS - The Virtual Home Environment;  
[get it](#) remarks - this release: Stage 1"  
[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 22.129 Handover Requirements between UMTS and GERAN or other Radio Systems

R99 *current version:* 3.5.0 *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](#)

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

R99 *current version:* 3.1.0 *WG (prime / other):* S1 / - *rapporteur:* LAUMEN, Josef SIEMENS AG  
*freeze\_meeting:* SP-06 *G:* U: yes *MCC:* CLAYTON, Michael

*history (event, available, version,*  
SP-T-3 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* (development in T2)  
SP-T-05 08/10/1999 1 . 0 . 0 [get it](#) *remarks - this release:* TSG#8:3.1.0  
SP-T-06 17/12/1999 2 . 0 . 0 [get it](#)  
SP-08 28/06/2000 3 . 1 . 0 [get it](#)

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**TR 22.945 Study of provision of fax service in GSM and UMTS**

R99 *current version:* 3.0.0

*freeze\_meeting:* SP-05

*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 ERICSSON AS

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

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

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

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**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, TELECOM ITALIA S.p.A.

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

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

*remarks - this release:* .

[get it](#)

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**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 MANNESMANN Mobilfunk GmbH

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

[get it](#) *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)

### TS 23.002 Network Architecture

R99 current version: 3.4.0

freeze\_meeting: SP-05

history (event, available, version,

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-10	21/12/2000	3	.	4	.	0

WG (prime / other): S2 / - rapporteur: SULTAN, Alain ETSI Secretariat  
G: yes U: yes MCC: SULTAN, Alain

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

### TS 23.003 Numbering, Addressing and Identification

R99 current version: 3.9.0

freeze\_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	15/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
edito	17/05/2000	3	.	4	.	1
NP-08	28/06/2000	3	.	5	.	0
NP-09	26/10/2000	3	.	6	.	0
NP-10	21/12/2000	3	.	7	.	0
NP-11	02/04/2001	3	.	8	.	0
NP-12	27/06/2001	3	.	9	.	0

WG (prime / other): N4 / - rapporteur: GAASVIK, Per-Ola COMVIQ GSM AB  
G: yes U: yes MCC: KYMALAINEN, Kimmo

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

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

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## TS 23.007 Restoration procedures

R99 *current version:* 3.4.0  
*freeze\_meeting:* SP-03  
*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

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* TSG#7: 3.3.0 TSG#8:3.4.0  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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## TS 23.008 Organisation of subscriber data

R99 *current version:* 3.6.0  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0  
NP-05 13/10/1999 3 . 1 . 0  
NP-06 15/12/1999 3 . 2 . 0  
NP-07 15/03/2000 3 . 3 . 0  
NP-08 28/06/2000 3 . 4 . 0  
NP-09 26/10/2000 3 . 5 . 0  
NP-12 27/06/2001 3 . 6 . 0

*WG (prime / other):* N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0  
[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 23.009 Handover procedures

R99 current version: 3.8.0  
freeze\_meeting: SP-03

WG (prime / other): N1 / N4 rapporteur: FARHOUMAND, Ericsson Incorporated  
Rouzbeh

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

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

NP-06 17/12/1999 3 . 1 . 0

NP-07 15/03/2000 3 . 2 . 0

edito (SDLs 16/05/2000 3 . 2 . 1

beautified)

NP-08 23/06/2000 3 . 3 . 0

NP-09 06/10/2000 3 . 4 . 0

NP-10 03/01/2001 3 . 5 . 0

NP-11 11/04/2001 3 . 6 . 0

NP-12 06/07/2001 3 . 7 . 0

NP-13 05/10/2001 3 . 8 . 0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TS 23.011 Technical realization of Supplementary Services

R99 current version: 3.1.0  
freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: CONRAD, Alan Deutsche Telekom MobilNet GmbH  
KYMALAINEN, Kimmo

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

edito 06/06/2000 3 . 0 . 1

NP-09 26/10/2000 3 . 1 . 0

[get it](#) remarks - general:

[get it](#) remarks - this release: . TSG#9:3.1.0

[get it](#)

## TS 23.012 Location management procedures

R99 current version: 3.3.0  
freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: VACANT,  
KYMALAINEN, Kimmo

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

NP-06 15/12/1999 3 . 1 . 0

NP-07 15/03/2000 3 . 2 . 0

CR 23.012-003r3 05/06/2000 3 . 2 . 1

removed (error)

NP-08 23/06/2000 3 . 3 . 0

[get it](#) remarks - general:

[get it](#) remarks - this release: TSG#7: 3.2.0 TSG#8:3.3.0

[get it](#)

[get it](#)

[get it](#)

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

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## TS 23.014 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 Group Plc  
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: 3.7.0  
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

[get it](#) remarks - general:  
[get it](#) remarks - this release: TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0 TSG#11:3.7.0  
[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 23.018 Basic Call Handling; Technical realization

R99 current version: 3.9.0  
freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE Group Plc  
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

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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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  
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: TSG#7: 3.1.0

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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: TEKBULUT, Haluk NOKIA Corporation  
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: TSG#7: 3.2.0 TSG#10:3.3.0

[get it](#)

[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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<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	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	TP-03 28/04/1999 1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	TP-04 23/06/1999 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> additional CR for R99 on SMS enhanced message content expected at TSG-T#7.			
			No, evidently not.			
	TP-05 08/10/1999 3 . 2 . 0	<a href="#">get it</a>				
	TP-06 17/12/1999 3 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TR 23.039</b>	<b>Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)</b>					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	TP-03 28/04/1999 1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	TP-04 23/06/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	TP-06 completed 17/12/1999 3 . 1 . 0	<a href="#">get it</a>				
	TP-09 04/10/2000 3 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 23.040</b>	<b>Technical realization of Short Message Service (SMS)</b>					
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	TP-03 28/04/1999 1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	TP-04 23/06/1999 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	TP-05 08/10/1999 3 . 2 . 0	<a href="#">get it</a>				
	TP-06 17/12/1999 3 . 3 . 0	<a href="#">get it</a>				
	TP-07 15/03/2000 3 . 4 . 0	<a href="#">get it</a>				
	edito 19/04/2000 3 . 4 . 1	<a href="#">get it</a>				
	TP-08 23/06/2000 3 . 5 . 0	<a href="#">get it</a>				
	TP-13 03/10/2001 3 . 6 . 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 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 *current version:* 3.4.0

*freeze\_meeting:* SP-05

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian VODAFONE Group Plc

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

*history (event, available, version,*

TP-03 23/04/1999 0 . 0 . 0

TP-05 08/10/1999 3 . 0 . 0

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

[get it](#) *remarks - this release:* additional CR for R99 on UMTS amendments expected at TSG-T#7. TSG#7: 3.2.0

TSG#9:3.3.0

TP-06 17/12/1999 3 . 1 . 0

[get it](#)

TP-07 completion 15/03/2000 3 . 2 . 0

[get it](#)

target

TP-09 11/10/2000 3 . 3 . 0

[get it](#)

TP-12 04/07/2001 3 . 4 . 0

[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 VODAFONE Group Plc

*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

[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](#)

test vectors 23/01/2001 3 . 1 . 0

[get it](#)

provided

TP-06 17/12/1999 3 . 1 . 0

[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 VODAFONE Group Plc

*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

[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](#)

test vectors 23/01/2001 3 . 1 . 0

[get it](#)

provided

TP-06 17/12/1999 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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## TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

R99 *current version:* 3.4.0 *WG (prime / other):* T2 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*freeze\_meeting:* SP-06 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
TP-03 28/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.  
TP-04 (MExE R98 18/06/1999 1 . 1 . 0 [get it](#) *remarks - this release:*  
GSM 03.57)  
TP-05 08/10/1999 1 . 5 . 0 [get it](#)  
TP-06 completed 17/12/1999 3 . 0 . 0 [get it](#)  
TP-07 15/03/2000 3 . 1 . 0 [get it](#)  
Editorial 15/03/2000 3 . 1 . 1 [get it](#)  
TP-08 23/06/2000 3 . 2 . 0 [get it](#)  
TP-09 16/10/2000 3 . 3 . 0 [get it](#)  
TP-11 27/03/2001 3 . 4 . 0 [get it](#)

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

R99 *current version:* 3.9.0 *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](#)

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## 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 ERICSSON ESPANA S.A.  
*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:* TSG#7: 3.2.0 TSG#8:3.3.0  
NP-08 23/06/2000 3 . 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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<b>TS 23.067</b>	<b>Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2</b>					
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PERLICK, Vivien	SAGEM Group		
	<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-07 15/03/2000 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> TSG#7: 3.1.0 TSG#10:3.2.0			
	NP-10 21/12/2000 3 . 2 . 0	<a href="#">get it</a>				
	NP-12 27/06/2001 3 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 23.072</b>	<b>Call Deflection Supplementary Service; Stage 2</b>					
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	Deutsche Telekom MobilNet GmbH		
	<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-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-09 26/10/2000 3 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 23.073</b>	<b>Support of Localised Service Area (SoLSA); Stage 2</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	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-05 13/10/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.			
	edito 06/06/2000 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .			

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

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## TS 23.078 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 3 - Stage 2

R99 current version: 3.10.0 WG (prime / other): N2 / - rapporteur: HOMANN, Christian ALCATEL SEL AG  
freeze\_meeting: SP-03 G: yes U: yes MCC: JURISIC, Andrijana

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

[get it](#) remarks - general: CR at TSG#4,CR at TSG#5  
[get it](#) remarks - this release: TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00.  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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

R99 current version: 3.6.0 WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE Group Plc  
freeze\_meeting: SP-03 G: yes U: yes MCC: CHALMERS, 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

[get it](#) remarks - general: CR at TSG#4,CR at TSG#5  
[get it](#) remarks - this release: TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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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
edito	06/06/2000	3	.	0	.	1
NP-08	23/06/2000	3	.	1	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release: TSG#8:3.1.0  
[get it](#)

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

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

R99 current version: 3.6.0

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-05 13/10/1999 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  
NP-10 21/12/2000 3 . 5 . 0  
NP-12 27/06/2001 3 . 6 . 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 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

R99 current version: 3.2.0

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,

NP-03 23/04/1999 3 . 0 . 0  
NP-06 17/12/1999 3 . 1 . 0  
NP-09 26/10/2000 3 . 2 . 0

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

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

R99 current version: 3.2.0

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,

NP-03 23/04/1999 3 . 0 . 0  
NP-06 17/12/1999 3 . 1 . 0  
NP-09 26/10/2000 3 . 2 . 0

[get it](#) remarks - general:  
[get it](#) remarks - this release: . TSG#9:3.2.0  
[get it](#)

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

R99 current version: 3.1.0

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  
edito 06/06/2000 3 . 0 . 1  
NP-09 26/10/2000 3 . 1 . 0

[get it](#) remarks - general:  
[get it](#) remarks - this release: . TSG#9:3.1.0  
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G = required in systems with GERAN acces; U = required in systems with UMTS

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**TS 23.086 Advice of Charge (AoC) 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:* . TSG#9:3.1.0  
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

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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:* . TSG#9:3.1.0  
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:* TSG#7: 3.2.0 (not approved) TSG#9:3.2.0  
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:* . TSG#9:3.2.0  
NP-09 26/10/2000 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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## 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:* . TSG#9:3.2.0  
ETSI Publication 07/11/2000 3 . 2 . 0 [get it](#)

## TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); 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-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:* . TSG#9:3.2.0  
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

## TS 23.094 Follow Me Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-06 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4. GSM only @TSG#5  
NP-07 15/03/2000 3 . 1 . 0 [get it](#) *remarks - this release:* Transfer>TSG#6. TSG#7: 3.1.0 TSG#9:3.2.0  
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

## TS 23.096 Name Identification Supplementary Service; Stage 2

R99 *current version:* 3.0.1 *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:* .

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

R99 *current version:* 3.1.1 *WG (prime / other):* N4 / - *rapporteur:* HEWSON, Ruth VODAFONE Group Plc  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-05 13/10/1999 3 . 0 . 1 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5  
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:* TSG#7: 3.1.1  
NP-07 15/03/2000 3 . 1 . 1 [get it](#)

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<b>TS 23.101</b>	<b>General UMTS Architecture</b>					
R99	current version: 3.1.0	WG (prime / other):	S2 / -	rapporteur:	OLSSON, Magnus	Telefon AB LM Ericsson
	freeze_meeting: SP-04	G:	U: yes	MCC:	SULTAN, Alain	
	history (event, available, version,					
	First complete	13/06/1997	0 . 1 . 0	<a href="#">get it</a>	remarks - general:	
	Transfer to SP SA	04/03/1999	0 . 1 . 1	<a href="#">get it</a>	remarks - this release:	. TSG#10:3.1.0
	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	current version: 3.6.0	WG (prime / other):	S2 / -	rapporteur:	GREIS, Marc	NOKIA Corporation
	freeze_meeting: SP-05	G:	U: yes	MCC:	SULTAN, Alain	
	history (event, available, version,					
	SP-05	13/10/1999	3 . 0 . 0	<a href="#">get it</a>	remarks - general:	was 23.907
	SP-06	17/12/1999	3 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	SP-07	15/03/2000	3 . 2 . 0	<a href="#">get it</a>		
	SP-08	28/06/2000	3 . 3 . 0	<a href="#">get it</a>		
	SP-09	19/10/2000	3 . 4 . 0	<a href="#">get it</a>		
	SP-10	22/12/2000	3 . 5 . 0	<a href="#">get it</a>		
	SP-11	14/05/2001	3 . 6 . 0	<a href="#">get it</a>		

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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	current version: 3.2.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis	MOTOROLA GmbH
	freeze_meeting: SP-04	G: yes	U: yes	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	NP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-05	13/10/1999	3 . 0 . 0	<a href="#">get it</a>	remarks - this release:	TSG#7: 3.2.0
	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 MOTOROLA GmbH

G: yes U: yes MCC: SULTAN, Alain

history (event, available, version,

Table of Contents 15/02/1997 0 . 3 . 0

[get it](#) remarks - general:  
remarks - this release: TSG#7: 3.4.0

and Scope

Transfer to SP SA 04/03/1999 0 . 3 . 1

[get it](#)

WG2

SP-03 23/04/1999 3 . 1 . 0

[get it](#)

SP-05 13/10/1999 3 . 2 . 0

[get it](#)

SP-06 17/12/1999 3 . 3 . 0

[get it](#)

SP-07 15/03/2000 3 . 4 . 0

[get it](#)

## TS 23.116 Super-Charger technical realization; Stage 2

R99 current version: 3.1.0

freeze\_meeting: SP-07

WG (prime / other): N4 / - rapporteur: ALLEN, Nicholas NORTEL NETWORKS (EUROPE)

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-04 30/04/1999 0 . 0 . 0

[get it](#) remarks - general: New after TSG#5

NP-06 17/12/1999 1 . 0 . 0

[get it](#) remarks - this release: TSG#7:2.1.0, 3.0.0

NP-07 15/03/2000 3 . 0 . 0

[get it](#)

NP-12 27/06/2001 3 . 1 . 0

[get it](#)

## TS 23.119 Gateway Location Register (GLR); Stage2

R99 current version: 3.0.0

freeze\_meeting: SP-07

WG (prime / other): N4 / - rapporteur: SAWADA, Masahiro NTT DoCoMo Inc.

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

draft 01/08/1999 0 . 1 . 0

[get it](#) remarks - general: New after TSG#5

draft 01/09/1999 0 . 2 . 0

[get it](#) remarks - this release: Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99.  
TSG#7:2.0.0 (NP-000108) 3.0.0

draft 01/10/1999 0 . 3 . 0

[get it](#)

draft 01/11/1999 0 . 4 . 0

[get it](#)

draft 15/11/1999 0 . 5 . 0

[get it](#)

N2b, Milan 28/02/2000 1 . 0 . 0

[get it](#)

NP-07 21/11/2000 2 . 0 . 0

[get it](#)

NP-10 09/01/2001 3 . 0 . 0

[get it](#)

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:* 3.5.1 *WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-04 *G:* yes *U:* yes *MCC:* SULTAN, Alain

*history (event, available, version,*  
First complete 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
SP-03 23/04/1999 1 . 0 . 0 [get it](#) *remarks - this release:* TSG#7: 3.3.0 TSG#9:3.4.0 TSG#10:3.5.0  
draft 01/06/1999 1 . 0 . 1 [get it](#)  
draft 20/06/1999 2 . 0 . 0 [get it](#)  
SP-04 23/06/1999 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-07 15/03/2000 3 . 3 . 0 [get it](#)  
SP-09 19/10/2000 3 . 4 . 0 [get it](#)  
SP-10 20/12/2000 3 . 5 . 0 [get it](#)  
edito 01/02/2001 3 . 5 . 1 [get it](#)

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## TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

R99 *current version:* 3.7.0 *WG (prime / other):* N1 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation  
*freeze\_meeting:* SP-03 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-04 23/06/1999 3 . 1 . 0 [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  
editorial correction 10/02/2000 3 . 1 . 1 [get it](#) undo erroneously incorporated CR. TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0  
NP-07 15/03/2000 3 . 2 . 0 [get it](#) TSG#10:3.5.0 TSG#11:3.6.0  
NP-08 23/06/2000 3 . 3 . 0 [get it](#)  
NP-09 06/10/2000 3 . 4 . 0 [get it](#)  
edito 24/10/2000 3 . 4 . 1 [get it](#)  
edito 02/11/2000 3 . 4 . 2 [get it](#)  
NP-10 02/01/2001 3 . 5 . 0 [get it](#)  
NP-11 11/04/2001 3 . 6 . 0 [get it](#)  
NP-12 05/07/2001 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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## TS 23.127 Virtual Home Environment; Stage 2

R99 current version: 3.4.0  
freeze\_meeting: SP-07  
history (event, available, version,

WG (prime / other): S2 / - rapporteur: GOURRAUD, ERICSSON RESEARCH CANADA  
G: U: yes MCC: SULTAN, Alain

SP-05 13/10/1999 0 . 3 . 0  
SP-06 17/12/1999 3 . 0 . 0  
SP-08 28/06/2000 3 . 1 . 0  
SP-09 06/11/2000 3 . 2 . 0  
SP-10 21/12/2000 3 . 3 . 0  
SP-12 29/06/2001 3 . 4 . 0

[get it](#) remarks - general: Sept 00: "Open Service Architecture" removed from title.  
[get it](#) remarks - this release: TSG#7:2.0.0 (SP-000089) 3.0.0 TSG#8:3.1.0 TSG#9:3.2.0 TSG#10:3.3.0  
[get it](#)  
[get it](#)  
[get it](#)

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## TS 23.135 Multicall supplementary service; Stage 2

R99 current version: 3.2.0  
freeze\_meeting: SP-07  
history (event, available, version,

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

NP-07 15/03/2000 1 . 1 . 0  
NP-07 15/03/2000 3 . 0 . 0  
NP-08 23/06/2000 3 . 1 . 0  
NP-09 25/10/2000 3 . 2 . 0

[get it](#) remarks - general:  
[get it](#) remarks - this release: TSG#7:1.1.0->3.0.0 3.0.0 TSG#8:3.1.0 TSG#9:3.2.0  
[get it](#)  
[get it](#)

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

R99 current version: 3.0.1  
freeze\_meeting: SP-07  
history (event, available, version,

WG (prime / other): T2 / - rapporteur: LAUMEN, Josef SIEMENS AG  
G: yes U: yes MCC: RODERMUND, Friedhelm

TP-03 23/04/1999 0 . 0 . 0  
TP-05 08/10/1999 0 . 1 . 0  
TP-06 17/12/1999 1 . 0 . 0  
TP-07 15/03/2000 2 . 0 . 0 TP-000028  
Editorial 15/03/2000 3 . 0 . 1

[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 23.171 Functional stage 2 description of location services in UMTS

R99 *current version:* 3.5.0  
*freeze\_meeting:* SP-07  
*history (event, available, version,*  
SP-05 13/10/1999 1 . 0 . 0  
SP-06 17/12/1999 1 . 1 . 0  
SP-07 2 . 0 . 0 SP-000090  
SP-07 15/03/2000 3 . 0 . 0  
SP-08 28/06/2000 3 . 1 . 0  
SP-10 21/12/2000 3 . 2 . 0  
SP-11 11/04/2001 3 . 3 . 0  
SP-12 29/06/2001 3 . 4 . 0  
SP-13 15/10/2001 3 . 5 . 0

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

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

## TR 23.814 Separating RR and MM specific parts of the MS Classmark

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-06  
*history (event, available, version,*  
NP-05 08/10/1999 0 . 0 . 0  
NP-06 17/12/1999 3 . 0 . 0  
editorial (!) 24/01/2000 3 . 1 . 0

WG (prime / other): N1 / - *rapporteur:* YOKOTA, Fumihiko Fujitsu Limited  
G: U: yes MCC: JORGENSEN, Per Johan

[get it](#) *remarks - general:* New after TSG#5  
[get it](#) *remarks - this release:* TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.  
[get it](#)

## TR 23.908 Technical report on Pre-Paging

R99 *current version:* 3.0.1  
*freeze\_meeting:* SP-04  
*history (event, available, version,*  
NP-03 23/04/1999 0 . 0 . 0  
NP-04 23/06/1999 3 . 0 . 0  
edito 02/05/2000 3 . 0 . 1

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

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

## TR 23.909 Technical report on the Gateway Location Register

R99 *current version:* 3.0.1  
*freeze\_meeting:* SP-04  
*history (event, available, version,*  
NP-03 23/04/1999 0 . 0 . 0  
NP-04 23/06/1999 3 . 0 . 0  
edito 03/05/2000 3 . 0 . 1

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

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

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

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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		<i>G:</i> U: yes	<i>MCC:</i> 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> TSG#6: 1.0.0 TSG#7:2.0.0->3.0.0 TSG#8:3.1.0 TSG#9:3.2.0 TSG#10:3.3.0	
					TSG#11:3.4.0	
	NP-06 17/12/1999	1 . 0 . 0		<a href="#">get it</a>		
	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		<i>G:</i> yes U: yes	<i>MCC:</i> 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	<i>current version:</i> 3.0.2		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-05		<i>G:</i> yes U: yes	<i>MCC:</i> 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>		
	edito 09/05/2000	3 . 0 . 2		<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	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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<b>TR 23.972</b>	<b>Circuit Switched Multimedia Telephony</b>					
R99	current version: 3.0.0	WG (prime / other):	N1 / -	rapporteur:	KAUHANEN, 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	<a href="#">get it</a>	remarks - general: New after TSG#5. Minor title change TSG#7.
	N1-08 21/10/1999	0	. 0	. 2	<a href="#">get it</a>	remarks - this release: TSG#7:1.0.0 (NP-000103), 3.0.0
	N1-09 09/12/1999	0	. 0	. 3	<a href="#">get it</a>	
	N1-08 revision 29/10/1999	0	. 0	. 3	<a href="#">get it</a>	
	NP-07 15/03/2000	3	. 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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**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 24.002 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:* TSG#7: 3.0.0 TSG#10:3.1.0

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**TS 24.007 Mobile radio interface signalling layer 3; General Aspects**

R99 *current version:* 3.7.0 *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:* TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0 TSG#10:3.6.0 TSG#11:3.7.0  
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](#)

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

R99 *current version:* 3.9.0 *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	<a href="#">get it</a>	<i>remarks - general:</i>	CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to
NP-04	23/06/1999	3	.	0	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	be resolved till Jun00.
NP-05	13/10/1999	3	.	1	.	0	<a href="#">get it</a>		
NP-06	27/12/1999	3	.	2	.	0	<a href="#">get it</a>		
editorial correction	04/01/2000	3	.	2	.	1	<a href="#">get it</a>		
NP-07	15/03/2000	3	.	3	.	0	<a href="#">get it</a>		
edito	25/04/2000	3	.	3	.	1	<a href="#">get it</a>		
NP-08	23/06/2000	3	.	4	.	0	<a href="#">get it</a>		
Editorial	23/06/2000	3	.	4	.	1	<a href="#">get it</a>		
NP-09	06/10/2000	3	.	5	.	0	<a href="#">get it</a>		
NP-10	03/01/2001	3	.	6	.	0	<a href="#">get it</a>		
NP-11	06/04/2001	3	.	7	.	0	<a href="#">get it</a>		
edito	06/07/2001	3	.	7	.	1	<a href="#">get it</a>		
NP-12	13/07/2001	3	.	8	.	0	<a href="#">get it</a>		
NP-13	03/10/2001	3	.	9	.	0	<a href="#">get it</a>		

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## TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* Peter Skov KYMALAINEN, Kimmo

*history (event, available, version,*

NP-03	23/04/1999	3	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
NP-08	23/06/2000	3	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	

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





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**TS 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3**

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* 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-10 21/12/2000 3 . 1 . 0 [get it](#) *remarks - this release:* . TSG#10:3.1.0  
NP-12 27/06/2001 3 . 2 . 0 [get it](#)

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**TS 24.072 Call Deflection Supplementary Service; Stage 3**

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

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**TS 24.080 Mobile radio Layer 3 Supplementary Service specification - Formats and coding**

R99 *current version:* 3.5.0 *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-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:* T1P1 CR @TSG#6. TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0  
NP-07 15/03/2000 3 . 2 . 0 [get it](#)  
NP-08 23/06/2000 3 . 3 . 0 [get it](#)  
NP-09 26/10/2000 3 . 4 . 0 [get it](#)  
ASN.1 annex 24/01/2001 3 . 4 . 1 [get it](#)  
updated  
NP-12 04/07/2001 3 . 5 . 0 [get it](#)

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**TS 24.081 Line Identification Supplementary Service; Stage 3**

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:*  
NP-08 23/06/2000 3 . 1 . 0 [get it](#) *remarks - this release:* TSG#8:3.1.0

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

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<b>TS 24.082</b>	<b>Call Forwarding 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 24.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0			<a href="#">get it</a>	remarks - general:	
					remarks - this release: .	
<hr/>						
<b>TS 24.084</b>	<b>MultiParty (MPY) Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0			<a href="#">get it</a>	remarks - general:	
					remarks - this release: .	
<hr/>						
<b>TS 24.085</b>	<b>Closed User Group (CUG) Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	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 24.086</b>	<b>Advice of Charge (AoC) 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: .	

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

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<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: .
<hr/>						
<b>TS 24.088</b>	<b>Call Barring (CB) Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: 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 24.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 24.091</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE Group Plc		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 24.093</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: .

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

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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:* 3.1.0  
*freeze\_meeting:* SP-07  
*history (event, available, version,*  
NP-07 15/03/2000 3 . 0 . 0  
NP-08 23/06/2000 3 . 1 . 0

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* TSG#7:1.0.0->3.0.0 TSG#8:3.1.0

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

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

R99 current version: 3.8.0  
freeze\_meeting: SP-05

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

history (event, available, version,

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

[get it](#)

remarks - general:

remarks - this release: TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0 TSG#10:3.5.0 TSG#11:3.6.0

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

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Server ACTIVE specs 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 25.102 UTRA (UE) TDD; Radio transmission and reception

R99 *current version:* 3.8.0

*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

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

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

R99 *current version:* 3.8.0

*freeze\_meeting:* SP-05

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

*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*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

[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 25.105 UTRA (BS) TDD: Radio transmission and reception

R99 current version: 3.8.0

freeze\_meeting: SP-05

history (event, available, version,

First complete	04/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	11/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0

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 25.113 Base station and repeater ElectroMagnetic Compatibility (EMC)

R99 current version: 3.5.0

freeze\_meeting: SP-06

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-05	13/10/1999	1	.	2	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	13/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0

WG (prime / other): R4 / - rapporteur: BARNES, David DTI - Department of Trade and Industry  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
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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 25.123 Requirements for support of radio resource management (TDD)

R99 *current version:* 3.7.0 *WG (prime / other):* R4 / - *rapporteur:* RONCHINI, M. Cristina Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version,*

RP-06	17/12/1999	3	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
RP-07	17/03/2000	3	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
edito	27/04/2000	3	.	1	.	1	<a href="#">get it</a>
RP-08	23/06/2000	3	.	2	.	0	<a href="#">get it</a>
RP-09	11/10/2000	3	.	3	.	0	<a href="#">get it</a>
RP-10	22/12/2000	3	.	4	.	0	<a href="#">get it</a>
RP-11	05/04/2001	3	.	5	.	0	<a href="#">get it</a>
RP-12	29/06/2001	3	.	6	.	0	<a href="#">get it</a>
RP-13	03/10/2001	3	.	7	.	0	<a href="#">get it</a>

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

R99 *current version:* 3.7.0 *WG (prime / other):* R4 / - *rapporteur:* RONCHINI, M. Cristina Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version,*

RP-06	17/12/1999	3	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
RP-07	17/03/2000	3	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
RP-08	23/06/2000	3	.	2	.	0	<a href="#">get it</a>
RP-09	18/10/2000	3	.	3	.	0	<a href="#">get it</a>
RP-10	09/01/2001	3	.	4	.	0	<a href="#">get it</a>
RP-11	05/04/2001	3	.	5	.	0	<a href="#">get it</a>
RP-12	29/06/2001	3	.	6	.	0	<a href="#">get it</a>
RP-13	03/10/2001	3	.	7	.	0	<a href="#">get it</a>

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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 25.141 Base station conformance testing (FDD)

R99 *current version:* 3.7.0

*freeze\_meeting:* SP-06

*history (event, available, version,*

Table of Contents 04/02/1999 0 . 0 . 1

and Scope

RP-03 23/04/1999 0 . 1 . 0

First complete 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

WG (*prime / other*): R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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

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## TS 25.142 Base station conformance testing (TDD)

R99 *current version:* 3.7.0

*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

WG (*prime / other*): R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG

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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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 25.201 Physical layer - general description

R99 *current version:* 3.1.0  
*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

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

NOKIA Corporation

[get it](#) *remarks - general:*  
*remarks - this release:* TSG#5: 3.0.0; edito post#6: 3.0.1. TSG#7: 3.0.2 TSG#8:3.1.0

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## TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

R99 *current version:* 3.8.0  
*freeze\_meeting:* SP-05  
*history (event, available, version,*  
Table of Contents 04/02/1999 0 . 0 . 0  
and Scope  
First complete 04/03/1999 1 . 0 . 0  
RP-03 23/04/1999 2 . 0 . 0  
RP-04 23/06/1999 2 . 1 . 0  
RP-05 13/10/1999 3 . 0 . 0  
RP-06 12/12/1999 3 . 1 . 0  
RP-07 15/03/2000 3 . 2 . 0  
RP-08 23/06/2000 3 . 3 . 0  
RP-09 18/10/2000 3 . 4 . 0  
RP-10 22/12/2000 3 . 5 . 0  
RP-11 05/04/2001 3 . 6 . 0  
RP-12 28/06/2001 3 . 7 . 0  
RP-13 08/10/2001 3 . 8 . 0

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

Telefon AB LM Ericsson

[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 25.212 Multiplexing and channel coding (FDD)

R99 *current version:* 3.7.0

*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

*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:*

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## TS 25.213 Spreading and modulation (FDD)

R99 *current version:* 3.6.0

*freeze\_meeting:* SP-05

*history (event, available, version,*

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

First complete 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 2 . 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

*WG (prime / other):* R1 / -

*G:* *U:* yes

*rapporteur:* CHAMBERS, Peter

*MCC:* IKEDA, Shinobu

SIEMENS AG

[get it](#)

*remarks - general:*

*remarks - this release:* TSG#7: 3.2.0 TSG#8:3.3.0 TSG#10:3.4.0 TSG#11:3.5.0

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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 25.214 Physical layer procedures (FDD)

R99 current version: 3.8.0

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

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](#)  
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[get it](#)

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## TS 25.215 Physical layer; Measurements (FDD)

R99 current version: 3.8.0

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

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](#)  
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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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<b>TS 25.221</b>	<b>Physical channels and mapping of transport channels onto physical channels (TDD)</b>								
R99	<i>current version:</i> 3.8.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HIRAMATSU, Katsuhiko	Matsushita Communication Industrial Co, Ltd					
	<i>freeze_meeting:</i> SP-05	<i>G:</i>	<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>					

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<b>TS 25.222</b>	<b>Multiplexing and channel coding (TDD)</b>								
R99	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KAHTAVA, Jussi	Nokia Japan Co. Ltd					
	<i>freeze_meeting:</i> SP-05	<i>G:</i>	<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	2 . 0 . 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>					
	edito	03/05/2000	3 . 2 . 1	<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-13	08/10/2001	3 . 7 . 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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[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.223 Spreading and modulation (TDD)

R99 current version: 3.7.0

freeze\_meeting: SP-05

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

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

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
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## TS 25.224 Physical layer procedures (TDD)

R99 current version: 3.8.0

freeze\_meeting: SP-05

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

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

[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 25.225 Physical layer; Measurements (TDD)

R99 *current version:* 3.8.0

*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

*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](#)  
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[get it](#)  
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## TS 25.301 Radio Interface Protocol Architecture

R99 *current version:* 3.8.0

*freeze\_meeting:* SP-03

*history (event, available, version,*

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete	04/03/1999	1	.	0	.	0
WG approval	16/04/1999	2	.	0	.	0
RP-03	23/04/1999	3	.	0	.	0
RP-04	23/06/1999	3	.	1	.	0
RP-05	13/10/1999	3	.	2	.	0
RP-06	17/12/1999	3	.	3	.	0
RP-07	15/03/2000	3	.	4	.	0
RP-08	30/06/2000	3	.	5	.	0
RP-09	16/10/2000	3	.	6	.	0
RP-11	27/03/2001	3	.	7	.	0
RP-12	19/06/2001	3	.	8	.	0

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

ERICSSON Eurolab Deutschland GmbH

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0 TSG#11:3.7.0  
[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)

## TS 25.302 Services provided by the physical layer

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

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

*WG (prime / other):* R2 / -

*G:* U: yes

*rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

*MCC:* VAN DER VEEN, Hans

[get it](#)

*remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?

*remarks - this release:* TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0 TSG#10:3.7.0 TSG#11:3.8.0

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## TS 25.303 Interlayer procedures in Connected Mode

R99 *current version:* 3.9.0

*freeze\_meeting:* SP-04

*history (event, available, version,*

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

First complete 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 3 . 0 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 12/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 3 . 0

RP-08 23/06/2000 3 . 4 . 0

RP-09 16/10/2000 3 . 5 . 0

RP-10 20/12/2000 3 . 6 . 0

RP-11 27/03/2001 3 . 7 . 0

RP-12 19/06/2001 3 . 8 . 0

RP-13 02/10/2001 3 . 9 . 0

*WG (prime / other):* R2 / -

*G:* U: yes

*rapporteur:* RINNE, Mikko J

*MCC:* VAN DER VEEN, Hans

Nokia Research Center

[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 25.304 UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode

R99 current version: 3.8.0 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

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
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## TS 25.305 Stage 2 functional specification of UE positioning in UTRAN

R99 current version: 3.6.0 WG (prime / other): R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
freeze\_meeting: SP-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

[get it](#) remarks - general: Created from 25.923  
[get it](#) remarks - this release:  
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## TS 25.306 UE Radio Access capabilities definition

R99 current version: 3.3.0 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
RP-11	27/03/2001	3	.	1	.	0
RP-12	19/06/2001	3	.	2	.	0
RP-13	02/10/2001	3	.	3	.	0

[get it](#) remarks - general: Converted from TR 25.925 at TSG#10.  
[get it](#) remarks - this release: Converted from TR 25.926 v3.2.0 Nov 00.  
[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 25.307 Requirements on UEs supporting a release-independent frequency band

R99 *current version:* 3.0.0 *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](#)

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

R99 *current version:* 3.9.0 *WG (prime / other):* R2 / - *rapporteur:* GESSNER, Christina SIEMENS AG  
*freeze\_meeting:* SP-04 *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:*  
draft 04/03/1999 1 . 0 . 0 [get it](#)  
RP-03 23/04/1999 2 . 0 . 0 [get it](#)  
RP-04 23/06/1999 3 . 0 . 0 [get it](#)  
RP-05 13/10/1999 3 . 1 . 0 [get it](#)  
RP-06 12/12/1999 3 . 2 . 0 [get it](#)  
RP-07 15/03/2000 3 . 3 . 0 [get it](#)  
RP-08 23/06/2000 3 . 4 . 0 [get it](#)  
RP-09 16/10/2000 3 . 5 . 0 [get it](#)  
RP-10 20/12/2000 3 . 6 . 0 [get it](#)  
RP-11 27/03/2001 3 . 7 . 0 [get it](#)  
RP-12 19/06/2001 3 . 8 . 0 [get it](#)  
RP-13 02/10/2001 3 . 9 . 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 25.322 Radio Link Control (RLC) protocol specification

R99 *current version:* 3.8.0  
*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

[get it](#) *remarks - general:*  
*remarks - this release:* TSG#7: 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0 TSG#10:3.5.0 TSG#11:3.6.0  
[get it](#)  
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## TS 25.323 Packet Data Convergence Protocol (PDCP) specification

R99 *current version:* 3.6.0  
*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

[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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## TS 25.324 Broadcast/Multicast Control (BMC)

R99 current version: 3.4.0

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

WG (prime / other): R2 / - rapporteur: KRISCHAN, Peter MANNESMANN Mobilfunk GmbH  
G: U: yes MCC: VAN DER VEEN, Hans

[get it](#) remarks - general:  
[get it](#) remarks - this release: TSG#7: 3.1.0 TSG#9:3.2.0 TSG#10:3.3.0 TSG#11:3.4.0  
[get it](#)  
[get it](#)  
[get it](#)

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

R99 current version: 3.8.0

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

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

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[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:* 3.8.0

*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  
and Scope

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

First complete 04/03/1999 1 . 0 . 0

[get it](#)

RP-04 23/06/1999 1 . 1 . 1

[get it](#)

RP-05 13/10/1999 3 . 0 . 0

[get it](#)

RP-06 17/12/1999 3 . 1 . 0

[get it](#)

RP-07 15/03/2000 3 . 2 . 0

[get it](#)

RP-08 23/06/2000 3 . 3 . 0

[get it](#)

RP-09 05/10/2000 3 . 4 . 0

[get it](#)

RP-10 21/12/2000 3 . 5 . 0

[get it](#)

RP-11 06/04/2001 3 . 6 . 0

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RP-12 06/07/2001 3 . 7 . 0

[get it](#)

RP-13 12/10/2001 3 . 8 . 0

[get it](#)

## TS 25.402 Synchronisation in UTRAN Stage 2

R99 *current version:* 3.7.0

*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

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RP-13 12/10/2001 3 . 7 . 0

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

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## TS 25.410 UTRAN Iu Interface: General Aspects and Principles

R99 current version: 3.5.0

freeze\_meeting: SP-05

WG (prime / other): R3 / - rapporteur: TOWNEND, Richard BT Group 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

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

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

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## TS 25.411 UTRAN Iu interface Layer 1

R99 current version: 3.5.0

freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: 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: TSG#7: 3.2.0 TSG#10:3.3.0 TSG#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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## 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 / - *rapporteur:* THAKARE, Kiran RadioScape Limited

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

[get it](#)

*remarks - general:*

*remarks - this release:* TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0 TSG#10:3.6.0

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## TS 25.413 UTRAN Iu interface RANAP signalling

R99 *current version:* 3.7.0

*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

WG (prime / other): R3 / - *rapporteur:* JUSSILA, Jyrki NOKIA Corporation

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

[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

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

R99 *current version:* 3.8.0  
*freeze\_meeting:* SP-04

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

*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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
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## TS 25.415 UTRAN lu interface user plane protocols

R99 *current version:* 3.8.0  
*freeze\_meeting:* SP-05

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

*history (event, available, version,*  
WG approval 19/03/1999 0 . 0 . 0  
RP-03 23/04/1999 0 . 1 . 0  
RP-04 23/06/1999 0 . 1 . 3  
RP-05 13/10/1999 3 . 0 . 0  
RP-06 17/12/1999 3 . 1 . 0  
RP-07 15/03/2000 3 . 2 . 0  
RP-08 23/06/2000 3 . 3 . 0  
RP-09 05/10/2000 3 . 4 . 0  
RP-10 21/12/2000 3 . 5 . 0  
RP-11 06/04/2001 3 . 6 . 0  
RP-12 06/07/2001 3 . 7 . 0  
RP-13 12/10/2001 3 . 8 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
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## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

R99 current version: 3.6.0 WG (prime / other): R3 / - rapporteur: TAYLOR, Carolyn  
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](#)

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## TS 25.420 UTRAN Iur Interface: General Aspects and Principles

R99 current version: 3.3.0 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: TSG#7: 3.1.0 TSG#9:3.2.0 TSG#11:3.3.0  
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](#)

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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: . TSG#11:3.1.0  
RP-11 06/04/2001 3 . 1 . 0 [get it](#)

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## TS 25.422 UTRAN Iur interface signalling transport

R99 current version: 3.5.0  
freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: THAKARE, Kiran RadioScape Limited  
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	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

[get it](#) remarks - general:  
[get it](#) remarks - this release: TSG#7: 3.3.0 TSG#8:3.4.0 TSG#10:3.5.0  
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## TS 25.423 UTRAN Iur interface RNSAP signalling

R99 current version: 3.7.0  
freeze\_meeting: SP-06

WG (prime / other): R3 / - rapporteur: RUNE, Göran Ericsson Radio System 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	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

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
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## TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

R99 *current version:* 3.6.0 *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:* TSG#7:cr was to 3.0.0 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0 TSG#10:3.5.0 TSG#11:3.6.0  
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](#)

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## TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams

R99 *current version:* 3.5.0 *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](#)

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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: 3.6.0	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:	TSG#7:cr was to 3.0.0 3.2.0 TSG#8:3.3.0 TSG#9:3.4.0 TSG#10:3.5.0 TSG#11:3.6.0
	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>		
<hr/>						
<b>TS 25.427</b>	<b>UTRAN lur and lub interface user plane protocols for DCH data streams</b>					
R99	current version: 3.8.0	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>		

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

R99 current version: 3.6.0  
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

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
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## TS 25.431 UTRAN lub interface Layer 1

R99 current version: 3.1.0  
freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: 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: . TSG#11:3.1.0  
[get it](#)  
[get it](#)

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## TS 25.432 UTRAN lub interface signalling transport

R99 current version: 3.1.0  
freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: 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: .  
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## TS 25.433 UTRAN lub interface NBAP signalling

R99 current version: 3.7.0

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

[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: 3.5.0

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

[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 25.435</b>	<b>UTRAN lub interface user plane protocols for CCH data streams</b>					
R99	<i>current version:</i> 3.8.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-05		<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn		
	<i>history (event, available, version,</i>					
	RP-03 23/04/1999	0 . 1 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-04 23/06/1999	0 . 2 . 1		<a href="#">get it</a>	<i>remarks - this release:</i>	
	RP-05 13/10/1999	3 . 0 . 0		<a href="#">get it</a>		
	RP-06 12/12/1999	3 . 1 . 0		<a href="#">get it</a>		
	RP-07 15/03/2000	3 . 2 . 0		<a href="#">get it</a>		
	RP-08 23/06/2000	3 . 3 . 0		<a href="#">get it</a>		
	RP-09 10/10/2000	3 . 4 . 0		<a href="#">get it</a>		
	RP-10 21/12/2000	3 . 5 . 0		<a href="#">get it</a>		
	RP-11 06/04/2001	3 . 6 . 0		<a href="#">get it</a>		
	RP-12 06/07/2001	3 . 7 . 0		<a href="#">get it</a>		
	RP-13 12/10/2001	3 . 8 . 0		<a href="#">get it</a>		

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<b>TS 25.442</b>	<b>UTRAN Implementation Specific O&amp;M Transport</b>					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RECKER, Stephan		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-05		<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn		
	<i>history (event, available, version,</i>					
	RP-03 23/04/1999	0 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-04 23/06/1999	0 . 0 . 2		<a href="#">get it</a>	<i>remarks - this release:</i>	
	RP-05 13/10/1999	3 . 0 . 0		<a href="#">get it</a>		
	RP-07 15/03/2000	3 . 1 . 0		<a href="#">get it</a>		

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<b>TR 25.831</b>	<b>Study Items for future release</b>					
R99	<i>current version:</i> 0.0.2	DRAFT	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas		ALCATEL S.A.
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> TAYLOR, Carolyn		
	<i>history (event, available, version,</i>					
	RP-03 23/04/1999	0 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-04 23/06/1999	0 . 0 . 2		<a href="#">get it</a>	<i>remarks - this release:</i> .	

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<b>TR 25.832</b>	<b>Manifestations of Handover and SRNS relocation</b>					
R99	current version: 3.0.0		WG (prime / other): R3 / -	rapporteur: TOWNEND, Richard	BT Group Plc	
	freeze_meeting: SP-05		G: U: yes	MCC: TAYLOR, Carolyn		
	history (event, available, version,					
	First complete 04/03/1999	0 . 0 . 0				
	WG approval 19/03/1999	1 . 0 . 0				<a href="#">get it</a> remarks - general:
	RP-03 23/04/1999	2 . 0 . 0				<a href="#">get it</a> remarks - this release: .
	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>
<hr/>						
<b>TR 25.833</b>	<b>Physical layer items not for inclusion in Release 99</b>					
R99	current version: 1.1.0	DRAFT	WG (prime / other): R1 / -	rapporteur: IKEDA, Shinobu	ETSI Secretariat	
	freeze_meeting:		G: U: yes	MCC: IKEDA, Shinobu		
	history (event, available, version,					
	RP-08 12/01/2001	1 . 1 . 0				<a href="#">get it</a> remarks - general: Created Jan 2000 (aka R1.03)
						remarks - this release: TSG#8:1.1.0
<hr/>						
<b>TR 25.853</b>	<b>Delay budget within the access stratum</b>					
R99	current version: 3.1.0		WG (prime / other): R3 / -	rapporteur: DELL'ACQUA, Massimo	SIEMENS Information and Communication Networks SpA	
	freeze_meeting: SP-11		G: U: yes	MCC: TAYLOR, Carolyn		
	history (event, available, version,					
	draft 06/04/2001	0 . 0 . 0				<a href="#">get it</a> remarks - general: Was 25.932. Approved and renumbered at TSG#10.
	RP-10 22/12/2000	3 . 0 . 0				<a href="#">get it</a> remarks - this release: . TSG#10:3.0.0 (is evidently R99 not Rel-4) TSG#11:3.1.0
	RP-11 06/04/2001	3 . 1 . 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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## TR 25.921 Guidelines and principles for protocol description and error handling

R99 *current version:* 3.5.0 *WG (prime / other):* R2 / - *rapporteur:* GILLY, Sylviane PHILIPS CONSUMER COMMUNICATION  
*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 [get it](#)  
RP-05 13/10/1999 1 . 3 . 0 [get it](#)  
RP-06 12/12/1999 3 . 0 . 0 [get it](#)  
RP-07 15/03/2000 3 . 1 . 0 [get it](#)  
RP-10 20/12/2000 3 . 2 . 0 [get it](#)  
RP-11 27/03/2001 3 . 3 . 0 [get it](#)  
RP-12 19/06/2001 3 . 4 . 0 [get it](#)  
RP-13 02/10/2001 3 . 5 . 0 [get it](#)

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## TR 25.922 Radio Resource Management Strategies

R99 *current version:* 3.6.0 *WG (prime / other):* R2 / - *rapporteur:* MAGNANI, Nicola Pio 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:*  
RP-03 23/04/1999 0 . 1 . 1 [get it](#) *remarks - this release:*  
RP-04 23/06/1999 0 . 2 . 0 [get it](#)  
RP-05 13/10/1999 0 . 5 . 0 [get it](#)  
RP-06 12/12/1999 3 . 0 . 0 [get it](#)  
RP-07 15/03/2000 3 . 1 . 0 [get it](#)  
RP-08 23/06/2000 3 . 2 . 0 [get it](#)  
RP-09 16/10/2000 3 . 3 . 0 [get it](#)  
RP-10 20/12/2000 3 . 4 . 0 [get it](#)  
RP-11 27/03/2001 3 . 5 . 0 [get it](#)  
RP-13 02/10/2001 3 . 6 . 0 [get it](#)

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## TR 25.925 Radio Interface for Broadcast/Multicast Services

R99 *current version:* 3.4.0

*freeze\_meeting:* SP-06

*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

*WG (prime / other):* R2 / -

*G:* U: yes

*rapporteur:* KRISCHAN, Peter

*MCC:* VAN DER VEEN, Hans

MANNESMANN Mobilfunk GmbH

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

*remarks - this release:* TSG#7: 3.1.0 TSG#9:3.2.0 TSG#10:3.3.0 TSG#11:3.4.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

[get it](#)

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## TR 25.931 UTRAN Functions, examples on signalling procedures

R99 *current version:* 3.4.0

*freeze\_meeting:* SP-07

*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-000125

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

*WG (prime / other):* R3 / -

*G:* U: yes

*rapporteur:* SCARRONE, Enrico

*MCC:* TAYLOR, Carolyn

TELECOM ITALIA S.p.A.

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

*remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TR 25.941 Document structure

R99 *current version:* 3.1.0

*freeze\_meeting:* SP-06

*history (event, available, version,*

RP-03 23/04/1999 0 . 0 . 1

RP-04 23/06/1999 1 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

*WG (prime / other):* R4 / -

*G:* U: yes

*rapporteur:* TAKAMI, Tadao

*MCC:* GUTIERREZ MIGUELEZ, Cesar

NTT DoCoMo Inc

[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



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## 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 26.071</b>	<b>AMR speech Codec; General description</b>				
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	<a href="#">get it</a>	remarks - general: Transfer>TSG#4		
	SP-04 23/06/1999	<a href="#">get it</a>	remarks - this release: .		
	SP-05 13/10/1999	<a href="#">get it</a>			
<b>TS 26.073</b>	<b>AMR speech Codec; C-source code</b>				
R99	current version: 3.2.0	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	<a href="#">get it</a>	remarks - general:		
	SP-03 23/04/1999	<a href="#">get it</a>	remarks - this release: approved TSG#6. TSG#7: 3.1.0 TSG#11:3.2.0		
	SP-05 13/10/1999	<a href="#">get it</a>			
	SP-06 17/12/1999	<a href="#">get it</a>			
	SP-07 15/03/2000	<a href="#">get it</a>			
	SP-11 10/04/2001	<a href="#">get it</a>			
<b>TS 26.074</b>	<b>AMR speech Codec; Test sequences</b>				
R99	current version: 3.1.1	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-03 23/04/1999	<a href="#">get it</a>	remarks - general: Transfer>TSG#4		
	SP-04 23/06/1999	<a href="#">get it</a>	remarks - this release:		
	SP-05 13/10/1999	<a href="#">get it</a>			
	SP-06 17/12/1999	<a href="#">get it</a>			
	Test sequences 02/02/2000	<a href="#">get it</a>			
	available				
	Test sequences 14/09/2000	<a href="#">get it</a>			
	corrected				
	SP-11 10/04/2001	<a href="#">get it</a>			
	corrected test 04/07/2001	<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 26.090</b>	<b>AMR speech Codec; Transcoding Functions</b>					
R99	current version: 3.1.0	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			<a href="#">get it</a>	remarks - general: Transfer>TSG#4	
	SP-04 23/06/1999			<a href="#">get it</a>	remarks - this release: .	
	SP-05 13/10/1999			<a href="#">get it</a>		
	SP-06 17/12/1999			<a href="#">get it</a>		
<hr/>						
<b>TS 26.091</b>	<b>AMR speech Codec; Error concealment of lost frames</b>					
R99	current version: 3.1.0	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			<a href="#">get it</a>	remarks - general: Transfer>TSG#4	
	SP-04 23/06/1999			<a href="#">get it</a>	remarks - this release: .	
	SP-05 13/10/1999			<a href="#">get it</a>		
	SP-06 17/12/1999			<a href="#">get it</a>		
<hr/>						
<b>TS 26.092</b>	<b>AMR speech Codec; comfort noise for AMR Speech Traffic Channels</b>					
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			<a href="#">get it</a>	remarks - general: Transfer>TSG#4	
	SP-04 23/06/1999			<a href="#">get it</a>	remarks - this release: .	
	SP-05 13/10/1999			<a href="#">get it</a>		
<hr/>						
<b>TS 26.093</b>	<b>AMR speech Codec; Source Controlled Rate operation</b>					
R99	current version: 3.3.0	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			<a href="#">get it</a>	remarks - general: Transfer>TSG#4	
	SP-04 23/06/1999			<a href="#">get it</a>	remarks - this release: TSG#8:3.2.0 TSG#10:3.3.0	
	SP-05 13/10/1999			<a href="#">get it</a>		
	SP-06 17/12/1999			<a href="#">get it</a>		
	SP-08 28/06/2000			<a href="#">get it</a>		
	SP-10 21/12/2000			<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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<b>TS 26.094</b>	<b>AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels</b>					
R99	current version: 3.0.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting: SP-05	G:	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-04 23/06/1999					0 . 1 . 0
	SP-03 26/04/1999					0 . 1 . 0
	SP-05 13/10/1999					3 . 0 . 0
		<a href="#">get it</a>		remarks - general:	Transfer>TSG#4	
		<a href="#">get it</a>		remarks - this release:	.	
		<a href="#">get it</a>				
<hr/>						
<b>TS 26.101</b>	<b>AMR speech Codec; Frame Structure</b>					
R99	current version: 3.2.0	WG (prime / other):	S4 / -	rapporteur:	HAGQVIST, Jari	NOKIA Corporation
	freeze_meeting: SP-06	G:	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-03 26/04/1999					1 . 0 . 0
	SP-04 23/06/1999					1 . 2 . 0
	SP-05 13/10/1999					1 . 4 . 0
	SP-06 17/12/1999					3 . 0 . 0
	SP-07 15/03/2000					3 . 1 . 0
	SP-12 01/08/2001					3 . 2 . 0
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:	TSG#7: 3.1.0	
		<a href="#">get it</a>				
		<a href="#">get it</a>				
		<a href="#">get it</a>				
		<a href="#">get it</a>				
<hr/>						
<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					0 . 2 . 0
	SP-06 17/12/1999					3 . 0 . 0
	SP-07 15/03/2000					3 . 1 . 0
	SP-10 12/12/2000					3 . 2 . 0
	SP-11 10/04/2001					3 . 3 . 0
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:	TSG#7: 3.1.0 TSG#10:3.2.0 TSG#11:3.3.0	
		<a href="#">get it</a>				
		<a href="#">get it</a>				
<hr/>						
<b>TS 26.103</b>	<b>Codec lists</b>					
R99	current version: 3.0.0	WG (prime / other):	S4 / -	rapporteur:	HELLWIG, Karl	ERICSSON Eurolab Deutschland GmbH
	freeze_meeting: SP-06	G:	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-06 17/12/1999					3 . 0 . 0
		<a href="#">get it</a>		remarks - general:	New after TSG#5	
				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 26.104 ANSI-C code for the floating-point AMR speech codec

R99 *current version:* 3.3.0  
*freeze\_meeting:* SP-07  
*history (event, available, version,*  
SP-06 17/12/1999 0 . 1 . 0  
SP-07 15/03/2000 0 . 3 . 0 SP-000022  
SP-08 28/06/2000 3 . 0 . 0  
SP-10 21/12/2000 3 . 1 . 0  
SP-12 27/06/2001 3 . 2 . 0  
bug fix 29/06/2001 3 . 2 . 1  
SP-13 02/10/2001 3 . 3 . 0

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G:* *U:* yes *MCC:* USAI, Paolino

ETSI Secretariat

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

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## TS 26.110 Codec for circuit switched multimedia telephony service; General description

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-11 04/07/2001 3 . 1 . 0

*WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry  
*G:* *U:* yes *MCC:* USAI, Paolino

TOSHIBA CO

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[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  
*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 . 2  
SP-06 15/12/1999 3 . 1 . 0  
SP-08 28/06/2000 3 . 2 . 0  
SP-09 10/10/2000 3 . 3 . 0  
SP-10 21/12/2000 3 . 4 . 0

*WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry  
*G:* *U:* yes *MCC:* USAI, Paolino

TOSHIBA CO

[get it](#) *remarks - general:* CR at TSG#5  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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

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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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## TS 26.132 Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification

R99 *current version:* 3.3.0 *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 [get it](#) *remarks - general:*  
draft 0 . 0 . 1 *remarks - this release:*  
SP-08 1 . 0 . 0  
SP-08 28/06/2000 3 . 0 . 0 [get it](#)  
SP-09 10/10/2000 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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## TR 26.911 Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide

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 [get it](#) *remarks - general:*  
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* Oct00:3.2.1 TSG#10:3.3.0  
SP-05 13/10/1999 3 . 0 . 2 [get it](#)  
decision to revise 30/10/1999 3 . 1 . 0 [get it](#)  
version number  
SP-06 17/12/1999 3 . 2 . 0 [get it](#)  
edito 10/10/2000 3 . 2 . 1 [get it](#)  
SP-10 21/12/2000 3 . 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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<b>TR 26.912</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-03 26/04/1999	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-04 23/06/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	TSG#7:2.0.0 (SP-000019), 3.0.0	
	SP-07 15/03/2000	3 . 0 . 0	<a href="#">get it</a>			
<hr/>						
<b>TR 26.915</b>	<b>Echo Control For Speech and Multi-Media Services</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian	TELLABS OPERATIONS INC.		
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	Creation of WI by 02/02/2000	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>	May00: May be converted to TS 26.115 some time in future.	
	WG/TB			<i>remarks - this release:</i>	TSG#7:1.0.0 (SP-000020), 3.0.0	
	SP-07 17/03/2000	3 . 0 . 0	<a href="#">get it</a>			
<hr/>						
<b>TR 26.975</b>	<b>Performance characterization of the Adaptive Multi-Rate (AMR) speech codec</b>					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-06 17/12/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Replaces 26.075. 2001-10-02: Also for GSM.	
	SP-07 17/03/2000	1 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	was 25.075; Feb00: 1.1.0. TSG#7: 1.1.0 TSG#11:3.0.0	
	SP-11 31/03/2001	3 . 0 . 0	<a href="#">get it</a>			
	SP-13 05/10/2001	3 . 1 . 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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## 27 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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

R99 *current version:* 3.10.0 *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 [get it](#) *remarks - general:*  
NP-05 13/10/1999 3 . 2 . 0 [get it](#) *remarks - this release:*  
NP-06 17/12/1999 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 23/10/2000 3 . 6 . 0 [get it](#)  
NP-10 04/01/2001 3 . 7 . 0 [get it](#)  
NP-11 05/04/2001 3 . 8 . 0 [get it](#)  
NP-12 04/07/2001 3 . 9 . 0 [get it](#)  
NP-13 10/10/2001 3 . 10 . 0 [get it](#)

### TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* 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 [get it](#) *remarks - general:*  
NP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - this release:* TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0  
NP-06 17/12/1999 3 . 2 . 0 [get it](#)  
NP-07 15/03/2000 3 . 3 . 0 [get it](#)  
NP-08 23/06/2000 3 . 4 . 0 [get it](#)  
NP-09 12/10/2000 3 . 5 . 0 [get it](#)

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

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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> TSG#7: 3.3.0 TSG#8:3.4.0 TSG#9:3.5.0
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:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian VODAFONE Group Plc  
*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>

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

R99 *current version:* 3.9.0 *WG (prime / other):* T2 / - *rapporteur:* VACANT,  
*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	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
TP-05	08/10/1999	3	.	2	.	0	<a href="#">get it</a>
TP-06	17/12/1999	3	.	3	.	0	<a href="#">get it</a>
TP-07	15/03/2000	3	.	4	.	0	<a href="#">get it</a>
TP-08	23/06/2000	3	.	5	.	0	<a href="#">get it</a>
TP-09	11/10/2000	3	.	6	.	0	<a href="#">get it</a>
TP-10	04/01/2001	3	.	7	.	0	<a href="#">get it</a>
TP-11	06/04/2001	3	.	8	.	0	<a href="#">get it</a>
TP-12	04/07/2001	3	.	9	.	0	<a href="#">get it</a>

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

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<b>TS 27.010</b>	<b>Terminal Equipment to User Equipment (TE-UE) multiplexer protocol</b>								
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	VACANT,				
	<i>freeze_meeting:</i> SP-04	G: yes	U: yes	<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-03 28/04/1999	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	TP-04 18/06/1999	3 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	additional CR for R99 on UMTS amendments expected at TSG-T#7. TSG#7: 3.3.0			
	TP-05 08/10/1999	3 . 2 . 0		<a href="#">get it</a>					
	TP-07 completion target	15/03/2000	3 . 3 . 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>								
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	WILD, Johanna	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-03	G: yes	U: yes	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-03 23/04/1999	3 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	GPRS			
	NP-04 23/06/1999	3 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	TSG#7: 3.4.0 TSG#11:3.5.0			
	NP-05 13/10/1999	3 . 2 . 0		<a href="#">get it</a>					
	NP-06 17/12/1999	3 . 3 . 0		<a href="#">get it</a>					
	NP-07 15/03/2000	3 . 4 . 0		<a href="#">get it</a>					
	NP-11 06/04/2001	3 . 5 . 0		<a href="#">get it</a>					

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<b>TS 27.103</b>	<b>Wide Area Network Synchronization</b>								
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	LOCKHART, Rob	Motorola Inc.			
	<i>freeze_meeting:</i> SP-05	G: yes	U: yes	<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-05 08/10/1999	3 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	TP-09 16/10/2000	3 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	TSG#8:3.1.0 but this CR not impementable. TSG#9:3.1.0			

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<b>TR 27.901</b>	<b>Report on Terminal Interfaces - An Overview</b>								
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB			
	<i>freeze_meeting:</i> SP-06	G:	U: yes	<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-03 23/04/1999	0 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i>				
	TP-04 18/06/1999	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	.			
	TP-05 08/10/1999	1 . 0 . 1		<a href="#">get it</a>					
	TP-06 completed	17/12/1999	3 . 0 . 0	<a href="#">get it</a>					

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

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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: 3.10.0

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

[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 17/12/1999 3 . 3 . 0

[get it](#)

edito 31/01/2000 3 . 3 . 1

[get it](#)

NP-07 15/03/2000 3 . 4 . 0

[get it](#)

NP-08 23/06/2000 3 . 5 . 0

[get it](#)

edito 04/08/2000 3 . 5 . 1

[get it](#)

edito 10/08/2000 3 . 5 . 2

[get it](#)

NP-09 26/10/2000 3 . 6 . 0

[get it](#)

NP-10 20/12/2000 3 . 7 . 0

[get it](#)

edito 02/01/2001 3 . 7 . 1

[get it](#)

edito to make 31/01/2001 3 . 7 . 2

[get it](#)

figures legible

NP-11 06/04/2001 3 . 8 . 0

[get it](#)

NP-12 06/07/2001 3 . 9 . 0

[get it](#)

NP-13 03/10/2001 3 . 10 . 0

[get it](#)

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

R99 current version: 3.8.0

freeze\_meeting: SP-03

WG (prime / other): N3 / - rapporteur: KLEHN, Norbert SIEMENS AG  
G: yes U: yes MCC: BOSWARTHICK, David

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

[get it](#) remarks - general:

post-SP-04 27/05/1999 3 . 1 . 0

[get it](#) remarks - this release: TSG#7: 3.4.0 TSG#8:3.5.0 TSG#9:3.6.0 TSG#10:3.7.0 TSG#11:3.8.0

NP-05 13/10/1999 3 . 2 . 0

[get it](#)

NP-06 17/12/1999 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 12/10/2000 3 . 6 . 0

[get it](#)

NP-10 22/12/2000 3 . 7 . 0

[get it](#)

NP-11 29/03/2001 3 . 8 . 0

[get it](#)

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

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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) 3.6.0WG (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 [get it](#) remarks - general: Transfer>TSG#4 (transfer??)  
NP-05 13/10/1999 3 . 0 . 0 [get it](#) remarks - this release: TSG#7: 3.2.0 TSG#9:3.3.0 TSG#10:3.4.0 TSG#11:3.5.0  
NP-06 15/12/1999 3 . 1 . 0 [get it](#)  
NP-07 15/03/2000 3 . 2 . 0 [get it](#)  
NP-09 26/10/2000 3 . 3 . 0 [get it](#)  
NP-10 21/12/2000 3 . 4 . 0 [get it](#)  
NP-11 30/03/2001 3 . 5 . 0 [get it](#)  
NP-12 04/07/2001 3 . 6 . 0 [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 [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**  
R99 current version: 3.0.0 WG (prime / other): N4 / - rapporteur: DETTNER, Harald SIEMENS AG  
freeze\_meeting: SP-05 G: yes U: yes MCC: KYMALAINEN, Kimmo  
history (event, available, version,  
NP-04 23/06/1999 3 . 0 . 0 [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**  
R99 current version: 3.1.0 WG (prime / other): N1 / - rapporteur: MILLS, Duncan VODAFONE Group Plc  
freeze\_meeting: SP-03 G: yes U: yes MCC: JORGENSEN, Per Johan  
history (event, available, version,  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) remarks - general:  
NP-09 06/10/2000 3 . 1 . 0 [get it](#) remarks - this release: . TSG#9:3.1.0

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

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<b>TS 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> 3.7.0	<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>		

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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>				
R99	<i>current version:</i> 3.10.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> YOUNG, Michael	MOTOROLA Ltd	
	<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-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>		

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



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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>								
R99	<i>current version:</i> 3.7.0			<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-03			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-03 23/04/1999	3	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i> Former title: "General Packet Radio Service (GPRS); Interworking between the	
	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>		

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<b>TS 29.078</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 3; CAMEL Application Part (CAP) specification</b>								
R99	<i>current version:</i> 3.9.0			<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-05			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version,</i>								
	NP-03 23/04/1999	3	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	
	NP-04 30/06/1999	3	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	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>		

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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			<i>G:</i> <i>U:</i> 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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G = required in systems with GERAN acces; U = required in systems with UMTS

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<b>TS 29.119</b>	<b>GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)</b>						
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	AIKAWA, Shinichiro	Fujitsu Limited	
	freeze_meeting: SP-07	G:	U: yes	MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	NP-04 27/05/1999	0 . 0 . 0	<a href="#">get it</a>	remarks - general:	New after TSG#5		
	NP-06 15/12/1999	1 . 0 . 0	<a href="#">get it</a>	remarks - this release:	Functionally frozen by CN#6. TSG#7:2.0.0 (TP-000107) 3.0.0		
	NP-07 15/03/2000	3 . 0 . 0	<a href="#">get it</a>				
<hr/>							
<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 Communications Ware Corporation	
	freeze_meeting: SP-07	G:	U: yes	MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	NP-04 27/05/1999	0 . 0 . 0	<a href="#">get it</a>	remarks - general:	New after TSG#5		
	NP-06 15/12/1999	1 . 0 . 0	<a href="#">get it</a>	remarks - this release:	Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99. TSG#7:2.0.0 3.0.0 TSG#9:3.1.0		
	NP-07 15/03/2000	3 . 0 . 0	<a href="#">get it</a>				
	NP-09 25/10/2000	3 . 1 . 0	<a href="#">get it</a>				
<hr/>							
<b>TS 29.198</b>	<b>Open Service Architecture (OSI) Application Programming Interface (API) - Part 1</b>						
R99	current version: 3.4.0	WG (prime / other):	N5 / -	rapporteur:	KLOSTERMANN, Lucas	ERICSSON Telecommunicatie BV	
	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:	TSG#7:1.0.0 (TP-000056) 1.0.0 TSG#8:3.0.0 (2.0.0) TSG#9:3.1.0 TSG#10:delay likely due to unimplementable CRs. TSG#10:3.2.0 TSG#11:3.3.0		
	NP-09 09/10/2000	3 . 1 . 0	<a href="#">get it</a>				
	NP-10 03/01/2001	3 . 2 . 0	<a href="#">get it</a>				
	NP-11 28/03/2001	3 . 3 . 0	<a href="#">get it</a>				
	NP-12 29/06/2001	3 . 4 . 0	<a href="#">get it</a>				
<hr/>							
<b>TR 29.998</b>	<b>Open Services Architecture API part 2</b>						
R99	current version: 3.2.0	WG (prime / other):	N5 / -	rapporteur:	KLOSTERMANN, Lucas	ERICSSON Telecommunicatie BV	
	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		
	NP-08 23/06/2000	3 . 0 . 0	<a href="#">get it</a>	remarks - this release:	TSG#7:1.0.0 (TP-000057) 1.0.0 TSG#8:3.0.0 (2.0.0) TSG#9:3.1.0 TSG#10:3.2.0		
	NP-09 08/10/2000	3 . 1 . 0	<a href="#">get it</a>				
	NP-10 03/01/2001	3 . 2 . 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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## 30 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

TR	30.531	Work Plan and Study Items - RAN WG3		WG (prime / other):	R3 / -	rapporteur:	TAYLOR, Carolyn
	R99	current version: 0.9.3	DRAFT	G:	U: yes	MCC:	TAYLOR, Carolyn
		freeze_meeting:					
		history (event, available, version,					
		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	RP-000142		<a href="#">get it</a>	
		draft 30/03/2000	0 . 7 . 1			<a href="#">get it</a>	
	RP-08	23/06/2000	0 . 8 . 0			<a href="#">get it</a>	
	RP-09	15/08/2000	0 . 8 . 1			<a href="#">get it</a>	
	RP-09	03/10/2000	0 . 8 . 2			<a href="#">get it</a>	
	RP-10		0 . 8 . 5	RP-000688			
		draft 21/12/2000	0 . 8 . 6			<a href="#">get it</a>	
	RP-11	27/03/2001	0 . 8 . 8			<a href="#">get it</a>	
	RP-12	05/07/2001	0 . 9 . 0	RP-010388		<a href="#">get it</a>	
	RP-13	01/10/2001	0 . 9 . 2	RP-010604		<a href="#">get it</a>	
		draft 23/11/2001	0 . 9 . 3	R3-013076		<a href="#">get it</a>	

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

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

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

R99 current version: 3.3.0 WG (prime / other): T3 / SCP rapporteur: VESTERGAARD, Peter NOKIA UK Ltd  
freeze\_meeting: SP-06 G: U: yes MCC: SANDERS, Michael

history (event, available, version,

TP-03 23/04/1999 0 . 0 . 0 [get it](#) remarks - general: Contents is a reference to ETSI TR 102 221.

TP-04 23/06/1999 0 . 5 . 0 [get it](#) remarks - this release: TP-09: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec

TP-05 08/10/1999 1 . 0 . 0 [get it](#)

TP-06 17/12/1999 3 . 0 . 0 [get it](#)

TP-07 15/03/2000 3 . 1 . 0 completion target [get it](#)

TP-08 06/02/2000 3 . 2 . 0 [get it](#)

TP-09 18/10/2000 3 . 3 . 0 [get it](#)

list. Sander, May 2001: no, not withdrawn. So re-instated.

### TS 31.102 Characteristics of the USIM Application

R99 current version: 3.7.0 WG (prime / other): T3 / - rapporteur: HEIM, Christian GIESECKE & DEVRIENT GmbH  
freeze\_meeting: SP-06 G: U: yes MCC: SANDERS, Michael

history (event, available, version,

TP-03 23/04/1999 0 . 0 . 0 [get it](#) remarks - general:

TP-04 23/06/1999 0 . 5 . 0 [get it](#) remarks - this release:

TP-05 08/10/1999 1 . 0 . 0 [get it](#)

TP-06 17/12/1999 3 . 0 . 0 [get it](#)

TP-07 completion 15/03/2000 3 . 1 . 0 [get it](#)

target

TP-08 23/06/2000 3 . 2 . 0 [get it](#)

TP-09 18/10/2000 3 . 3 . 0 [get it](#)

TP-10 05/01/2001 3 . 4 . 0 [get it](#)

TP-11 09/04/2001 3 . 5 . 0 [get it](#)

TP-12 06/07/2001 3 . 6 . 0 [get it](#)

TP-13 11/10/2001 3 . 7 . 0 [get it](#)

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

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<b>TS 31.110</b>	<b>Numbering system for telecommunication IC card applications</b>						
R99	current version: 3.2.0	WG (prime / other):	T3 / -	rapporteur:	DIETRICH, Christian	Schlumberger Systemes S.A.	
	freeze_meeting: SP-06	G:	U: yes	MCC:	SANDERS, Michael		
	history (event, available, version,						
	E-mailed to SP-T 15/11/1999						remarks - general: Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May
	for information						remarks - this release: 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS
	TP-06 17/12/1999						101 220.
	TP-07 completion 15/03/2000						
	target						
	TP-09 18/10/2000						
<b>TS 31.111</b>	<b>USIM Application Toolkit (USAT)</b>						
R99	current version: 3.6.0	WG (prime / other):	T3 / -	rapporteur:	WOODSEND, Kristian	ASPECTS Software Ltd	
	freeze_meeting: SP-07	G: yes	U: yes	MCC:	SANDERS, Michael		
	history (event, available, version,						
	TP-06 17/12/1999						remarks - general: To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.
	TP-07 15/03/2000						remarks - this release:
	TP-08 23/06/2000						
	TP-09 18/10/2000						
	TP-10 05/01/2001						
	TP-11 09/04/2001						
	TP-12 06/07/2001						
	TP-13 12/10/2001						
<b>TS 31.120</b>	<b>UICC-terminal interface; Physical, electrical and logical test specification</b>						
R99	current version: 3.0.0	WG (prime / other):	T3 / -	rapporteur:	MAESER, Torsten	ORGA Kartensysteme GmbH	
	freeze_meeting: SP-08	G:	U: yes	MCC:	SANDERS, Michael		
	history (event, available, version,						
	TP-09 18/10/2000						remarks - general: based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP
	TP-10 05/01/2001						remarks - this release: TP-11:moved to ETSI-SCP. TP-12: reinstated.
<b>TS 31.121</b>	<b>UICC-terminal interface; USIM application test specification</b>						
R99	current version: 3.1.0	WG (prime / other):	T3 / -	rapporteur:	AFCHAR, Ramin	CETECOM GmbH - Certification and Testing in Communications	
	freeze_meeting: SP-08	G:	U: yes	MCC:	SANDERS, Michael		
	history (event, available, version,						
	TP-09 18/10/2000						remarks - general: based on R99 core spec; split into 2 parts (this is 2)
	TP-10 05/01/2001						remarks - this release:
	TP-12 06/07/2001						

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



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

### TS 32.005 Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain

R99 *current version:* 3.5.0 *WG (prime / other):* S5 / - *rapporteur:* KOBYLARZ, Thaddeus AT&T Corp.  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
SP-08 23/06/2000 3 . 1 . 0 [get it](#) *remarks - this release:* Title change. TSG#7: TSG#8:3.1.0->3.2.0 when fully implemented.  
correct 10/10/2000 3 . 2 . 0 [get it](#)

implementation of  
previous CR  
SP-10 21/12/2000 3 . 3 . 0 [get it](#)  
edito 22/01/2001 3 . 3 . 1 [get it](#)  
SP-11 05/04/2001 3 . 4 . 0 [get it](#)  
SP-13 05/10/2001 3 . 5 . 0 [get it](#)

### TS 32.015 Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain

R99 *current version:* 3.7.0 *WG (prime / other):* S5 / - *rapporteur:* KOBYLARZ, Thaddeus AT&T Corp.  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
SP-07 17/03/2000 3 . 1 . 0 [get it](#) *remarks - this release:*  
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-11 05/04/2001 3 . 5 . 0 [get it](#)  
SP-12 03/07/2001 3 . 6 . 0 [get it](#)  
SP-13 05/10/2001 3 . 7 . 0 [get it](#)

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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:* 3.4.0 *WG (prime / other):* S5 / - *rapporteur:* NENNER, Karl-Heinz Deutsche Telekom MobilNet GmbH  
*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](#)

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





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<b>TS 32.106-5</b>	<b>Telecommunication Management; Configuration Management; Part 5: Basic Configuration Management IRP information model (including NRM) version 1</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)
					TSG#9:1.0.0 TSG#10:2.0.0=SP-000513 TSG#10:3.0.0 TSG#11:3.1.0
	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>		
<hr/>					
<b>TS 32.106-6</b>	<b>Telecommunication Management; Configuration Management; Part 6: Basic Configuration Management 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)
					TSG#10:1.0.0=SP-000514 TSG#10:3.0.0 TSG#11:3.1.0
	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>		
<hr/>					
<b>TS 32.106-7</b>	<b>Telecommunication Management; Configuration Management; Part 7: Basic Configuration Management IRP CMIP solution set version 1:1</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 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)
					TSG#10:1.0.0=SP-000515 TSG#10:3.0.0 TSG#11:3.1.0
	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>		
<hr/>					
<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:* JURE, Patrick Lucent Technologies France  
*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 TSG#8:3.1.0 TSG#9:3.2.0  
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:* JURE, Patrick Lucent Technologies France  
*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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G = required in systems with GERAN acces; U = required in systems with UMTS

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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> 3.5.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> JURE, Patrick		Lucent Technologies France			
	<i>freeze_meeting:</i> SP-08		<i>G:</i>	<i>U:</i> 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 TSG#8:3.1.0 TSG#9:3.2.0 TSG#10:3.3.0 TSG#11:3.4.0				
	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>					

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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> 3.1.1		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> JURE, Patrick		Lucent Technologies France			
	<i>freeze_meeting:</i> SP-08		<i>G:</i>	<i>U:</i> 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 TSG#8:3.1.0				
	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>					

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

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

### TS 33.102 3G security; Security architecture

R99 current version: 3.9.0  
freeze\_meeting: SP-07

WG (prime / other): S3 / - rapporteur: BLOMMAERT, Marc SIEMENS ATEA NV  
G: U: yes MCC: POPE, Maurice

history (event, available, version,  
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

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

### 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](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[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			
	<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> 3.3.0	<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>				

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<b>TS 33.120</b>	<b>Security Objectives and Principles</b>					
R99	<i>current version:</i> 3.0.0		WG (prime / other): S3 / -	<i>rapporteur:</i> WRIGHT, Tim		BT Group Plc
	<i>freeze_meeting:</i> SP-03		G: U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>					
	Table of Contents	04/03/1999	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>	
	and Scope				<i>remarks - this release:</i>	
	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	<i>current version:</i> 3.0.0		WG (prime / other): S3 / -	<i>rapporteur:</i> BLOM, Rolf		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-04		G: U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>					
	SP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-04	23/06/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
<hr/>						
<b>TR 33.902</b>	<b>Formal Analysis of the 3G Authentication Protocol</b>					
R99	<i>current version:</i> 3.1.0		WG (prime / other): S3 / -	<i>rapporteur:</i> HORN, Guenther		SIEMENS AG
	<i>freeze_meeting:</i> SP-05		G: U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>					
	SP-05	13/10/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-06	17/12/1999	3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
<hr/>						
<b>TR 33.908</b>	<b>3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms</b>					
R99	<i>current version:</i> 3.0.0		WG (prime / other): S3 / -	<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-07		G: U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>					
	SP-07	17/03/2000	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#7: S3-000105=NP-000049	
					<i>remarks - this release:</i>	

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

### TS 34.108 Common Test Environments for User Equipment (UE) Conformance Testing

R99 *current version:* 3.5.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nouhman Anite Telecoms Ltd.  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* SALMERON, Lidia

*history (event, available, version,*  
Start of work 0 . 0 . 1  
TP-07 15/03/2000 1 . 0 . 0 TP-000032 [get it](#) *remarks - general:*  
editorial tidy up 23/03/2000 1 . 0 . 1 [get it](#) *remarks - this release:* TSG#7:(TP-000032) 1.0.0, 1.0.1 TSG#8:apr1 is controversial  
TP-08 2 . 0 . 0  
TP-08 23/06/2000 3 . 0 . 0 [get it](#)  
Editorial 23/06/2000 3 . 0 . 1 [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 27/06/2001 3 . 4 . 0 [get it](#)  
TP-13 08/10/2001 3 . 5 . 0 [get it](#)

### TS 34.109 Logical Test Interface (TDD and FDD)

R99 *current version:* 3.4.0 *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 [get it](#) *remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.  
RP-04 18/06/1999 0 . 2 . 0 [get it](#) *remarks - this release:* Feb00: 1.1.0 TSG#7: 1.2.0 TSG#8:3.0.0 (2.0.0) TSG#9:3.1.0 TSG#10:3.2.0 TSG#9:  
Stable, so txfered from T1 to R2. TSG#11:3.3.0

RP-05 08/10/1999 1 . 0 . 0 [get it](#)  
RP-06 17/12/1999 1 . 0 . 3 [get it](#)  
next version 03/02/2000 1 . 1 . 0 [get it](#)  
RP-07 15/03/2000 1 . 2 . 0 [get it](#)  
RP-08 23/06/2000 3 . 0 . 0 [get it](#)  
RP-09 05/10/2000 3 . 1 . 0 [get it](#)  
RP-10 20/12/2000 3 . 2 . 0 [get it](#)  
RP-11 27/03/2001 3 . 3 . 0 [get it](#)  
RP-12 19/06/2001 3 . 4 . 0 [get it](#)

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:* 3.6.0 *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 [get it](#) *remarks - general:*  
TP-04 18/06/1999 1 . 0 . 1 [get it](#) *remarks - this release:*  
TP-05 08/10/1999 1 . 2 . 0 [get it](#)  
TP-06 17/12/1999 1 . 5 . 0 [get it](#)  
TP-07 15/03/2000 2 . 0 . 0 [get it](#)  
TP-07 15/03/2000 3 . 0 . 0 [get it](#)  
Editorial 15/03/2000 3 . 0 . 1 [get it](#)  
TP-08 23/06/2000 3 . 1 . 0 [get it](#)  
TP-09 05/10/2000 3 . 2 . 0 [get it](#)  
TP-10 21/12/2000 3 . 3 . 0 [get it](#)  
TP-11 28/03/2001 3 . 4 . 0 [get it](#)  
TP-12 18/06/2001 3 . 5 . 0 [get it](#)  
TP-13 03/10/2001 3 . 6 . 0 [get it](#)

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## TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

R99 *current version:* 3.5.0 *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 [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 1 . 2 . 0 [get it](#)  
Editorial 15/03/2000 1 . 2 . 1 [get it](#)  
TP-08 2 . 0 . 0  
TP-08 23/06/2000 3 . 0 . 0 [get it](#)  
edito 28/08/2000 3 . 0 . 1 [get it](#)  
TP-09 05/10/2000 3 . 1 . 0 [get it](#)  
TP-10 21/12/2000 3 . 2 . 0 [get it](#)  
TP-11 28/03/2001 3 . 3 . 0 [get it](#)  
TP-12 18/06/2001 3 . 4 . 0 [get it](#)  
TP-13 03/10/2001 3 . 5 . 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 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 [get it](#) *remarks - general:*  
TP-05 08/10/1999 0 . 0 . 4 [get it](#) *remarks - this release:*  
TP-06 17/12/1999 1 . 0 . 0 [get it](#)  
manicure 23/03/2000 1 . 0 . 1 [get it](#)  
TP-08 2 . 0 . 0  
TP-08 23/06/2000 3 . 0 . 0 [get it](#)  
TP-09 10/10/2000 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 03/10/2001 3 . 5 . 0 [get it](#)

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

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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](#)

## 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:* TSG#7: 2.0.1(SP-000034), 3.0.0 TSG#9:3.1.0 TSG#10:3.2.0 TSG#11:3.3.0  
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:* .

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<b>TR 34.925</b>	<b>Specific Absorption Rate (SAR) requirements and regulations in different regions</b>								
R99	<i>current version:</i> 3.0.0			WG (prime / other):	T2 / -	<i>rapporteur:</i>	JOHNSSON, Sven	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-04			G:	U: yes	<i>MCC:</i>	RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>								
	TP-03 23/04/1999	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>

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

<b>TS 35.201</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications</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 35.202</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		
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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		
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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:		
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R98



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<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,				remarks - general:	
	smg-28 1 . 0 . 0				remarks - this release:	
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>				
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<b>TS 01.61</b>	<b>General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements</b>					
R98	current version: 7.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc		
	freeze_meeting:	G: yes U:	MCC: POPE, Maurice			
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<b>TS 02.01</b>	<b>Principles of Telecommunication Services Supported by a GSM Public Land Mobile Network (PLMN)</b>					
R98	current version: 7.1.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
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	smg-29 25/06/1999			<a href="#">get it</a>	remarks - this release:	
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<b>TS 02.02</b>	<b>Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)</b>					
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	
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<b>TS 02.03</b>	<b>Teleservices Supported by a GSM Public Land Mobile Network (PLMN)</b>					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	Deutsche Telekom MobilNet GmbH
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
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<b>TS 02.04</b>	<b>General on Supplementary Services</b>					
R98	current version: 7.1.2	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Lucent Technologies Network Systems UK
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<b>TS 02.06</b>	<b>Types of Mobile Stations (MS)</b>						
R98	current version: 7.0.1			WG (prime / other): S1 / -	rapporteur: JEAL, David	VODAFONE Group Plc	
	freeze_meeting:			G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,						
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<b>TS 02.07</b>	<b>Mobile Station (MS) Features</b>						
R98	current version: 7.1.0			WG (prime / other): S1 / -	rapporteur: JEAL, David	VODAFONE Group Plc	
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	SP-07 15/03/2000	7	. 1	. 0	<a href="#">get it</a>		
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<b>TS 02.09</b>	<b>Security Aspects</b>						
R98	current version: 7.1.1			WG (prime / other): S3 / S1 /	rapporteur: CHRISTOFFERSSON, TELIA AB		
	freeze_meeting:			NP	Per		
	history (event, available, version,			G: yes U:	MCC: POPE, Maurice		
	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:	
	smg-31 16/02/2000	7	. 1	. 0	<a href="#">get it</a>		
	ETSI publication 29/08/2000	7	. 1	. 1	<a href="#">get it</a>		
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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,						
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	SP-11 02/04/2001	7	. 1	. 0	<a href="#">get it</a>		

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<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,					
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	smg-30 11/11/1999			<a href="#">get it</a>	remarks - this release:	
	SP-08 23/06/2000			<a href="#">get it</a>		
<b>TS 02.17</b>	<b>Subscriber Identity Modules, 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:	SANDERS, Michael	
	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>		
<b>TS 02.19</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API); Service description; Stage 1</b>					
R98	current version: 7.1.0	WG (prime / other):	T3 / -	rapporteur:	DIETRICH, Christian	Schlumberger Systemes S.A.
	freeze_meeting:	G: yes U:		MCC:	SANDERS, Michael	
	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:	
<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:	
					remarks - this release:	
<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	
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<b>TS 02.30</b>	<b>Man-machine Interface (MMI) of the Mobile Station (MS)</b>					
R98	current version: 7.1.0	WG (prime / other): S1 /	rapporteur: JEAL, David	VODAFONE Group Plc		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
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<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	BT Group Plc		
	freeze_meeting:	G: yes U:	MCC: POPE, Maurice			
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<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	BT Group Plc		
	freeze_meeting:	G: yes U:	MCC: POPE, Maurice			
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<b>TS 02.33</b>	<b>Lawful Interception; Stage 1</b>					
R98	current version: 7.3.0	WG (prime / other): S3 /	rapporteur: MCKIBBEN, Bernie	MOTOROLA GmbH		
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<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: MUHONEN, Ahti	NOKIA Corporation					
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael						
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<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						
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<b>TS 02.41</b>	<b>Operator Determined Barring</b>								
R98	current version: 7.0.0	WG (prime / other): S1 /	rapporteur: ...,	BUNDESMINISTERIUM FUR WIRTSCHAFT					
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<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						
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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 /	rapporteur: KOKKOLA, Tommi	NOKIA Corporation					
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<b>TS 02.48</b>	<b>Security mechanisms for the SIM Application Toolkit; Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd
	freeze_meeting:	G: yes U:		MCC:	SANDERS, Michael	
	history (event, available, version,					
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<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 /	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
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	ETSI publication 16/08/1999 7 . 0 . 1	<a href="#">get it</a>		remarks - this release:		
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<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 / -	rapporteur:	GALLIGO, Michel	ALCATEL S.A.
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
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	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 (MEEx) 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	

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<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>					
<hr/>									
<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	Deutsche Telekom MobilNet GmbH			
	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				
<hr/>									
<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				
<hr/>									
<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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## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R98 current version: 7.0.2  
freeze\_meeting:  
history (event, available, version,  
smg-29 25/06/1999 7 . 0 . 0  
edito 25/06/1999 7 . 0 . 1  
publish EN 300 24/08/2000 7 . 0 . 2  
925

WG (prime / other): S1 / - rapporteur: GILES, Les  
G: yes U: MCC: CLAYTON, Michael

Union Internationale des Chemins de Fer

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

## TS 02.69 Voice Broadcast Service (VBS); Stage 1

R98 current version: 7.0.2  
freeze\_meeting:  
history (event, available, version,  
smg-28 12/02/1999 7 . 0 . 0  
smg-29 25/06/1999 7 . 0 . 1  
ETSI publication 29/12/1999 7 . 0 . 2

WG (prime / other): S1 / - rapporteur: GILES, Les  
G: yes U: MCC: CLAYTON, Michael

Union Internationale des Chemins de Fer

[get it](#) remarks - general:  
[get it](#) remarks - this release: #28: 7.0.0  
[get it](#)

## TS 02.71 Location Services (LCS); Stage 1

R98 current version: 7.3.0  
freeze\_meeting:  
history (event, available, version,  
smg-28 12/02/1999 1 . 0 . 0  
smg-29 25/06/1999 7 . 0 . 0  
SP-05 08/10/1999 7 . 1 . 0  
SP-06 15/12/1999 7 . 2 . 0  
SP-11 06/04/2001 7 . 3 . 0

WG (prime / other): S1 / - rapporteur: GARAPATY, Sonia  
G: yes U: MCC: CLAYTON, Michael

Nortel Networks (USA)

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

## TS 02.72 Call Deflection Service description, Stage 1

R98 current version: 7.2.1  
freeze\_meeting:  
history (event, available, version,  
smg-25 20/03/1998 7 . 0 . 0  
smg-27 16/10/1998 7 . 1 . 0  
smg-28 12/02/1999 7 . 2 . 0  
smg-29 25/06/1999 7 . 2 . 1

WG (prime / other): S1 / - rapporteur: HABERMANN, Steffen  
G: yes U: MCC: CLAYTON, Michael

Deutsche Telekom MobilNet GmbH

[get it](#) remarks - general:  
[get it](#) remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0  
[get it](#)  
[get it](#)

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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: 7.1.0	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: #29: 7.0.0 TSG#10:7.1.0	
<hr/>									
<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	
<hr/>									
<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	
<hr/>									
<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	
<hr/>									
<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 (MPTY) Supplementary Services; Stage 1</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					
				<a href="#">get it</a>	remarks - general:	
					remarks - this release: #29: 7.0.0	
<hr/>						
<b>TS 02.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-29 25/06/1999					
				<a href="#">get it</a>	remarks - general:	
					remarks - this release: #29: 7.0.0	
<hr/>						
<b>TS 02.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	CRAWFORD, Ian	VODAFONE Group Plc
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-29 25/06/1999					
				<a href="#">get it</a>	remarks - general:	
					remarks - this release: #29: 7.0.0	
<hr/>						
<b>TS 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	Deutsche Telekom MobilNet GmbH
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-25 20/03/1998					
	smg-28 12/02/1999					
	smg-29 25/06/1999					
	ETSI publication 16/12/1999					
				<a href="#">get it</a>	remarks - general:	
				<a href="#">get it</a>	remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1	
				<a href="#">get it</a>		
				<a href="#">get it</a>		
<hr/>						
<b>TS 02.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	Deutsche Telekom MobilNet GmbH
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
	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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<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
<hr/>						
<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
<hr/>						
<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
<hr/>						
<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
<hr/>						
<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*

*freeze\_meeting:*

*history (event, available, version,*

smg-25 20/03/1998 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

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

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

[get it](#) *remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0*

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<b>TS 03.01</b>	<b>Network Functions</b>				
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	<a href="#">get it</a>	remarks - general: SMG3->SA2 @ TSG#7		
			remarks - this release: #29:7.0.0		
<b>TS 03.02</b>	<b>Network Architecture</b>				
R98	current version: 7.1.0	WG (prime / other): S2 / NP / T2	rapporteur: SULTAN, Alain	ETSI Secretariat	
	freeze_meeting:	G: yes U:	MCC: SULTAN, Alain		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	SP-06 17/12/1999 7 . 1 . 0	<a href="#">get it</a>	remarks - this release: #29: 7.0.0 S#6: 7.1.0		
<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>				
R98	current version: 7.6.0	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>			
<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		

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<b>TS 03.07</b>	<b>Restoration Procedures</b>								
R98	current version: 7.1.0		WG (prime / other): N4 / -	rapporteur: PARK, Ian David		VODAFONE Group Plc			
	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:				
	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				
<hr/>									
<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>					
<hr/>									
<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,			MCC: 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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<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		<a href="#">get it</a>	remarks - general:				
	smg-29 26/06/1999	7 . 0 . 1		<a href="#">get it</a>	remarks - this release:				

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**TS 03.11 Technical Realization of Supplementary Services - General Aspects**

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen Deutsche Telekom MobilNet GmbH  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release: #29: 7.0.0*

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**TS 03.12 Location Registration Procedures**

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 [get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

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**TS 03.13 Discontinuous Reception (DRX) in the GSM System**

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 [get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

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**TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System**

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 [get it](#) *remarks - general:*  
edito 10/08/1999 7 . 0 . 1 [get it](#) *remarks - this release: #28: 7.0.0*

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**TS 03.15 Technical Realization of Operator Determined Barring**

R98 *current version:* 7.0.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE Group 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: #29: 7.0.0*

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<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 Group Plc
	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>		
<hr/>					
<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 Schlumberger Systemes S.A.
	freeze_meeting:	G: yes	U:	MCC:	SANDERS, Michael
	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; Sanders(2001-01-15): cannot implement vv7.2.0, 7.3.0, 7.4.0 until JavaScript
	smg-31 16/02/2000	7 . 1 . 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 23/06/2000	7 . 2 . 0	<a href="#">get it</a>		
	TP-08 28/09/2000	7 . 3 . 0	<a href="#">get it</a>		
	TP-10 07/03/2001	7 . 4 . 0	<a href="#">get it</a>		
	TP-11 27/07/2001	7 . 5 . 0	<a href="#">get it</a>		

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<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 Peter Skov	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>				
<hr/>									
<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 Peter Skov	MOTOROLA A/S		
	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>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		

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<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	BT Group Plc			
	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 SP-08 23/06/2000 7 . 1 . 0							<a href="#">get it</a> <a href="#">get it</a>	remarks - general: 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 smg-29 25/06/1999 7 . 1 . 0 SP-10 21/12/2000 7 . 2 . 0							<a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>	remarks - general: remarks - this release: #27: for info #28: 7.0.0 #29: 7.1.0 TSG#10:7.2.0
<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:	MUHONEN, Janne	NOKIA 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: remarks - this release: #29: 7.0.0
<b>TS 03.35</b>	<b>Immediate Service Termination (IST); Stage 2</b>								
R98	current version: 7.0.1	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim	BT Group Plc			
	freeze_meeting:	G: yes U:		MCC:	POPE, Maurice				
	history (event, available, version, smg-27 16/10/1998 7 . 0 . 0 ETSI publication 30/10/2001 7 . 0 . 1							<a href="#">get it</a> <a href="#">get it</a>	remarks - general: remarks - this release:

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## TS 03.38 Alphabets and language-specific information

R98 current version: 7.2.0

freeze\_meeting:

history (event, available, version,

smg-26 26/06/1998 7 . 0 . 0

smg-28 12/02/1999 7 . 1 . 0

smg-29 25/06/1999 7 . 2 . 0

WG (prime / other): T2 / - rapporteur: HARRIS, Ian VODAFONE Group Plc

G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

[get it](#) remarks - this release: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0

[get it](#)

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## TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

R98 current version: 7.4.0

freeze\_meeting:

history (event, available, version,

smg-26 26/06/1998 7 . 0 . 0

smg-27 16/10/1998 7 . 1 . 0

smg-29 25/06/1999 7 . 2 . 0

TP-05 08/10/1999 7 . 3 . 0

TP-06 15/12/1999 7 . 4 . 0

WG (prime / other): T2 / - rapporteur: HARRIS, Ian VODAFONE Group Plc

G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

[get it](#) remarks - this release: #26: 7.0.0 #27: 7.1.0 #29: 7.2.0 TSG#5 7.3.0 TSG#6: 7.4.0

[get it](#)

[get it](#)

[get it](#)

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## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R98 current version: 7.4.0

freeze\_meeting:

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

TP-06 15/12/1999 7 . 2 . 0

TP-07 15/03/2000 7 . 3 . 0

TP-09 19/10/2000 7 . 4 . 0

WG (prime / other): T2 / - rapporteur: HARRIS, Ian VODAFONE Group Plc

G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

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## TS 03.42 SMS Compression

R98 current version: 7.1.1

freeze\_meeting:

history (event, available, version,

smg-26 26/06/1998 7 . 0 . 0

smg-28 12/02/1999 7 . 1 . 0

smg-29 25/06/1999 7 . 1 . 1

WG (prime / other): T2 / - rapporteur: HARRIS, Ian VODAFONE Group Plc

G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

[get it](#) remarks - this release: #26: 7.0.0 #28: 7.1.0

[get it](#)

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<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	
<hr/>									
<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	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:	
<hr/>									
<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	7	.	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>								
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 03.48</b>	<b>Security Mechanisms for SIM Toolkit Application; Stage 2</b>					
R98	current version: 7.0.1	WG (prime / other): T3 / -	rapporteur: BARNES, Nigel	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: SANDERS, Michael			
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general: SMG9->T3@#31			
	smg-29 25/06/1999 7 . 0 . 1	<a href="#">get it</a>	remarks - this release:			
<hr/>						
<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 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: #29: 7.0.0			
<hr/>						
<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>					
R98	current version: 7.1.1	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>				
<hr/>						
<b>TS 03.52</b>	<b>Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2</b>					
R98	current version: 7.1.1	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 /	rapporteur:	FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)			
	freeze_meeting:		S2						
	history (event, available, version,	G: yes U:		MCC:	USAI, Paolino				
	smg-25 20/03/1998 7 . 0 . 0								
	smg-29 25/06/1999 7 . 0 . 1								
		<a href="#">get it</a>		remarks - general:	Mar00: prime responsibility txfrd to SMG11				
		<a href="#">get it</a>		remarks - this release:	#25: 7.0.0				
<hr/>									
<b>TS 03.54</b>	<b>Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2</b>								
R98	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				
<hr/>									
<b>TS 03.56</b>	<b>GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2</b>								
R98	current version: 7.1.1	WG (prime / other):	S2 / -	rapporteur:	ROBERTS, Martin	Nortel			
	freeze_meeting:	G: yes U:		MCC:	SULTAN, Alain				
	history (event, available, version,								
	smg-28 12/02/1999 7 . 0 . 0								
	ETSI PE 26/05/1999 7 . 0 . 1								
	smg-29 25/06/1999 7 . 1 . 0								
	ETSI publication 05/09/2000 7 . 1 . 1								
		<a href="#">get it</a>		remarks - general:					
		<a href="#">get it</a>		remarks - this release:	#27: for info #28: 7.0.0 #29: 7.1.0				
		<a href="#">get it</a>							
		<a href="#">get it</a>							
<hr/>									
<b>TS 03.57</b>	<b>Mobile Station Application Execution Environment (MExE); Functional description; Stage 2</b>								
R98	current version: 7.2.0	WG (prime / other):	T2 / -	rapporteur:	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								
	TP-06 15/12/1999 7 . 1 . 0								
		<a href="#">get it</a>		remarks - general:					
		<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				
		<a href="#">get it</a>							
	TP-07 15/03/2000 7 . 2 . 0								
		<a href="#">get it</a>							
<hr/>									
<b>TR 03.58</b>	<b>Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)</b>								
R98	current version: 7.0.0	WG (prime / other):	S4 / -	rapporteur:	MONFORT, Jean-Yves	France Telecom			
	freeze_meeting:	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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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

R98 *current version: 7.7.0* 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: #28: 7.0.0 #29: 7.1.0 TSG#5 7.2.0 S#6: 7.3.0 TSG#7: 7.4.0 TSG#9:7.5.0*  
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](#)

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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 Deutsche Telekom MobilNet GmbH  
*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: #31: 7.0.0*

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## TS 03.64 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: #29: 7.0.0 #30: 7.1.0*

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

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<b>TS 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 ERICSSON ESPANA S.A.
	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 #29: 7.1.0 TSG#5: 7.2.0 (Expect 7.3.0 dealing with PE comments.)
					TSG#7: 7.3.0
	NP-05 08/10/1999	7 . 2 . 0	<a href="#">get it</a>		
	NP-07 15/03/2000	7 . 3 . 0	<a href="#">get it</a>		
	ETSI publication 10/10/2000	7 . 3 . 1	<a href="#">get it</a>		
<hr/>					
<b>TS 03.67</b>	<b>Enhanced Multi-Level Precedence and 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	7 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-07 17/03/2000	7 . 1 . 0	<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	7 . 2 . 0	<a href="#">get it</a>		
<hr/>					
<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	7 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-07 15/12/1999	7 . 1 . 0	<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	7 . 2 . 0	<a href="#">get it</a>		
<hr/>					
<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	7 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-07 15/03/2000	7 . 1 . 0	<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	7 . 2 . 0	<a href="#">get it</a>		

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<b>TS 03.70</b>	<b>Routing of Calls to/from Public Data Networks (PDN)</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 03.71</b>	<b>Location Services (LCS); Functional description; Stage 2</b>				
R98	current version: 7.7.0	WG (prime / other):	S2 / -	rapporteur:	BROOK, Richard SAMSUNG Electronics Research Institute
	freeze_meeting:	G: yes	U:	MCC:	SULTAN, Alain
	history (event, available, version,				
	smg-28 12/02/1999 1 . 0 . 0	<a href="#">get it</a>		remarks - general:	
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - this release:	
	SA2-06 30/07/1999 7 . 2 . 0	<a href="#">get it</a>			
	edito 29/12/1999 7 . 2 . 1	<a href="#">get it</a>			
	smg-31 16/02/2000 7 . 3 . 0	<a href="#">get it</a>			
	smg-31 bis 17/04/2000 7 . 4 . 0	<a href="#">get it</a>			
	SP-11 11/04/2001 7 . 5 . 0	<a href="#">get it</a>			
	SP-12 29/06/2001 7 . 6 . 0	<a href="#">get it</a>			
	SP-13 15/10/2001 7 . 7 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 03.72</b>	<b>Call Deflection stage 2</b>				
R98	current version: 7.1.0	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 TSG#5 7.1.0
	NP-05 08/10/1999 7 . 1 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 03.73</b>	<b>Support of Localised Service Area (SoLSA); Stage 2</b>				
R98	current version: 7.2.0	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:	2001-10-11: S2->N4 to align with ownership of 23.073..
	smg-29 25/06/1999 7 . 1 . 0	<a href="#">get it</a>		remarks - this release:	#27: for info
	smg-30 11/11/1999 7 . 2 . 0	<a href="#">get it</a>			

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<b>TS 03.78</b>	<b>CAMEL Phase 2; Stage 2</b>					
R98	current version: 7.6.1	WG (prime / other):	N2 / -	rapporteur:	LANTELME, Isabelle	ALCATEL S.A.
	freeze_meeting:	G: yes	U:	MCC:	JURISIC, Andrijana	
	history (event, available, version,					
	smg-28 12/02/1999			<a href="#">get it</a>	remarks - general:	
	ETSI publication 16/08/1999			<a href="#">get it</a>	remarks - this release:	
	smg-29 25/06/1999			<a href="#">get it</a>		
	NP-05 13/10/1999			<a href="#">get it</a>		
	NP-07 17/03/2000			<a href="#">get it</a>		
	NP-08 23/06/2000			<a href="#">get it</a>		
	NP-10 04/01/2001			<a href="#">get it</a>		
	NP-12 02/07/2001			<a href="#">get it</a>		
	visible figures 04/07/2001			<a href="#">get it</a>		

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<b>TS 03.79</b>	<b>Support of Optimal Routeing phase 1; Stage 2</b>					
R98	current version: 7.3.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE Group Plc
	freeze_meeting:	G: yes	U:	MCC:	Chalmers	
	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 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>		

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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			<a href="#">get it</a>	remarks - general:	
	smg-29 25/06/1999			<a href="#">get it</a>	remarks - this release:	#28: 7.0.0

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<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	MANNESMANN Mobilfunk 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:	
					remarks - this release:	#29: 7.0.0

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<b>TS 03.88</b>	<b>Call Barring (CB) supplementary services; Stage 2</b>					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	HAMEL, Eric	France Telecom
	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 03.90</b>	<b>Unstructured Supplementary Service Data (USSD)</b>					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	CHOTAI, Sunil	BT Group Plc
	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 03.91</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 2</b>					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	DZUBAN, Stanislav	SIEMENS AG
	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 03.93</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	
<hr/>						
<b>TS 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	

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**TS 03.97 Multiple subscriber Profile (MSP); 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

NP-05 08/10/1999 7 . 1 . 1

NP-06 15/12/1999 7 . 2 . 0

WG (prime / other): N4 / -

G: yes U:

rapporteur: HEWSON, Ruth

MCC: KYMALAINEN, Kimmo

VODAFONE Group Plc

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

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

[get it](#)

[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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<b>TS 04.01</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles</b>					
R98	current version: 7.0.0 freeze_meeting:	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan			
		<a href="#">get it</a>	remarks - general: remarks - this release: #29: 7.0.0			

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<b>TS 04.02</b>	<b>GSM Public Land Mobile Network (PLMN) Access Reference Configuration</b>					
R98	current version: 7.0.0 freeze_meeting:	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan			
		<a href="#">get it</a>	remarks - general: remarks - this release: #29: 7.0.0			

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<b>TS 04.03</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</b>					
R98	current version: 7.0.0 freeze_meeting:	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:			

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<b>TS 04.04</b>	<b>Layer 1 - General Requirements</b>					
R98	current version: 7.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG		
	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:			

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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  
Peter Skov  
G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0
ETSI publication	12/01/2000	7	.	0	.	1
smg-31	16/02/2000	7	.	1	.	0
Editorial correction	16/03/2000	7	.	1	.	1
ETSI publication	22/09/2000	7	.	1	.	2

[get it](#) remarks - general:  
[get it](#) remarks - this release: #29: 7.0.0 #31:7.1.0  
[get it](#)  
[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  
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-29	25/06/1999	7	.	0	.	0
ETSI publication	14/12/1999	7	.	0	.	1
smg-31	16/02/2000	7	.	1	.	0
Editorial correction	16/02/2000	7	.	1	.	1
ETSI publication	29/09/2000	7	.	1	.	2
GP-03	31/01/2001	7	.	2	.	0
edito	31/01/2001	7	.	2	.	1

[get it](#) remarks - general:  
[get it](#) remarks - this release: #29: 7.0.0 edito:7.0.1 #31:7.1.0 GERAN#3:7.2.0  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R98 current version: 7.3.0  
freeze\_meeting:

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd  
JORGENSEN, Per Johan  
G: yes U: MCC:

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
NP-05	08/10/1999	7	.	2	.	0
NP-06	15/12/1999	7	.	3	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
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## TS 04.08 Mobile radio interface layer 3 specification

R98 current version: 7.14.0

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

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remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

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remarks - this release: Thomasen (even numbered CRs!)

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## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R98 current version: 7.0.1

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

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #28: 7.0.0

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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 Communications Ware 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	
<hr/>									
<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>								
R98	current version: 7.0.1	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:	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	
<hr/>									
<b>TS 04.13</b>	<b>Performance Requirements on Mobile Radio Interface</b>								
R98	current version: 7.0.1	WG (prime / other):	N1 / -	rapporteur:	PUDNEY, Chris	VODAFONE Group Plc			
	freeze_meeting:	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	
<hr/>									
<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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## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

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 [get it](#) remarks - general:  
edito 7 . 0 . 1 [get it](#) remarks - this release: #27: 7.0.0 TSG#8:7.1.0  
smg-29 25/06/1999 7 . 0 . 2 [get it](#)  
ETSI publication 14/12/1999 7 . 0 . 3 [get it](#)  
NP-08 21/06/2000 7 . 1 . 0 [get it](#)

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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

R98 current version: Switching Centre (BSS - MSC) interface 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 [get it](#) remarks - general:  
NP-06 15/12/1999 7 . 1 . 0 [get it](#) remarks - this release: #28: 7.0.0 TSG#6: 7.1.0

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## TS 04.30 Location Services LCS Stage 3 SS (MO-LR)

R98 current version: 7.2.0 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 [get it](#) 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 [get it](#) remarks - this release: #30 info #30b: 7.0.1 #31:7.1.0 TSG#8:7.2.0 and the now-closed SS. TSG#7: txfrd  
to 3GPP for R99. SP-08 21/06/2000 7 . 2 . 0 [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>				
R98	current version: 7.7.0	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>		

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<b>TS 04.35</b>	<b>Location Services LCS Stage 3 E-OTD Enhanced Observed</b>				
R98	current version: 7.3.0	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: . GERAN#1:7.2.0 GERAN#3:7.3.0
	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>		

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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	ALCATEL SEL 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:
	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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**TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification**

R98 *current version:* 7.0.3 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL SEL AG  
*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 PE 26/05/1999 7 . 0 . 1 [get it](#) *remarks - this release: #28: 7.0.0*  
ETSI Vote 22/05/2000 7 . 0 . 2 [get it](#)  
ETSI publication 05/09/2000 7 . 0 . 3 [get it](#)

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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**

R98 *current version:* 7.9.0 *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 [get it](#) *remarks - general:*  
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
smg-30 bis 06/12/1999 7 . 2 . 0 [get it](#)  
smg-31 16/02/2000 7 . 3 . 0 [get it](#)  
smg-32 28/06/2000 7 . 5 . 0 [get it](#)  
GP-01 11/10/2000 7 . 6 . 0 [get it](#)  
GP-02 27/11/2000 7 . 7 . 0 [get it](#)  
GP-03 31/01/2001 7 . 8 . 0 [get it](#)  
GP-04 04/05/2001 7 . 9 . 0 [get it](#)

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**TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3**

R98 *current version:* 7.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter Deutsche Telekom MobilNet GmbH  
*freeze\_meeting:* G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

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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: 7.4.0	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>		

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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			<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999			<a href="#">get it</a>	remarks - this release:	
	NP-07 15/03/2000			<a href="#">get it</a>		
<hr/>						
<b>TS 04.71</b>	<b>Location Services (LCS); Mobile radio interface layer 3 specification</b>					
R98	current version: 7.3.0	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-28 12/02/1999			<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			<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			<a href="#">get it</a>		
	smg-32 28/06/2000			<a href="#">get it</a>		
	GP-05 18/06/2001			<a href="#">get it</a>		
<hr/>						
<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	Deutsche Telekom MobilNet GmbH
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999			<a href="#">get it</a>	remarks - general:	
	ETSI publication 30/10/2001			<a href="#">get it</a>	remarks - this release:	#27: for info #28: 7.0.0
<hr/>						
<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			<a href="#">get it</a>	remarks - general:	
	NP-06 15/12/1999			<a href="#">get it</a>	remarks - this release:	
	NP-07 15/03/2000			<a href="#">get it</a>		
	NP-08 21/06/2000			<a href="#">get it</a>		
	NP-09 28/09/2000			<a href="#">get it</a>		

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## TS 04.81 Line Identification Supplementary Services; Stage 3

R98 current version: 7.0.1  
freeze\_meeting:  
history (event, available, version,  
smg-29 25/06/1999 7 . 0 . 0  
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

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## TS 04.82 Call Forwarding (CF) Supplementary Services - Stage 3

R98 current version: 7.0.2  
freeze\_meeting:  
history (event, available, version,  
smg-28 12/02/1999 7 . 0 . 0  
<to be defined> 14/12/1999 7 . 0 . 2

WG (prime / other): N4 / - rapporteur: POTHS, Annette MANNESMANN Mobilfunk GmbH  
G: yes U: MCC: KYMALAINEN, Kimmo  
[get it](#) remarks - general:  
[get it](#) remarks - this release: #28: 7.0.0

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## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R98 current version: 7.0.1  
freeze\_meeting:  
history (event, available, version,  
smg-29 25/06/1999 7 . 0 . 0  
Publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)  
G: yes U: MCC: KYMALAINEN, Kimmo  
[get it](#) remarks - general:  
[get it](#) remarks - this release: #29: 7.0.0

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## TS 04.84 Multi Party (MPPTY) 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: HABERMANN, Steffen Deutsche Telekom MobilNet GmbH  
G: yes U: MCC: KYMALAINEN, Kimmo  
[get it](#) remarks - general:  
[get it](#) remarks - this release: #29: 7.0.0

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## TS 04.85 Closed User Group (CUG) 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: VACANT,  
G: yes U: MCC: KYMALAINEN, Kimmo  
[get it](#) remarks - general:  
remarks - this release: #29: 7.0.0

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<b>TS 04.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 3</b>					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	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:	
	ETSI Publication 12/01/2000			<a href="#">get it</a>	remarks - this release: #29: 7.0.0	
	7 . 0 . 0					
	7 . 0 . 1					
<b>TS 04.87</b>	<b>User-to-User Signalling (UUS) Supplementary Service Stage 3</b>					
R98	current version: 7.0.2	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999			<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/12/1999			<a href="#">get it</a>	remarks - this release: #28: 7.0.0	
	7 . 0 . 0					
	7 . 0 . 2					
<b>TS 04.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 3</b>					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	HAMEL, Eric	France Telecom
	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				remarks - this release: #29: 7.0.0	
	7 . 0 . 0					
<b>TS 04.90</b>	<b>Unstructured Supplementary Service Data (USSD)</b>					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	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:	
	ETSI Publication 12/01/2000			<a href="#">get it</a>	remarks - this release: #29: 7.0.0	
	7 . 0 . 0					
	7 . 0 . 1					
<b>TS 04.91</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 3</b>					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	DZUBAN, Stanislav	SIEMENS AG
	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	
	7 . 0 . 0					
	7 . 0 . 1					

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[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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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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[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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: 7.1.0* WG (prime / other): GP / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*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-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release: #28: 7.0.0 #30: 7.1.0*

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**TS 05.02 Multiplexing and Multiple Access on the Radio Path**

R98 *current version: 7.7.0* WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* 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](#)  
smg-30 bis 06/12/1999 7 . 3 . 0 [get it](#)  
ETSI publication 17/07/2000 7 . 3 . 1 [get it](#)  
smg-31 16/02/2000 7 . 4 . 0 [get it](#)  
ETSI publication 29/09/2000 7 . 4 . 1 [get it](#)  
smg-31 bis 17/04/2000 7 . 5 . 0 [get it](#)  
ETSI publication 17/10/2000 7 . 5 . 1 [get it](#)  
GP-02 24/11/2000 7 . 6 . 0 [get it](#)  
edito 30/11/2000 7 . 6 . 1 [get it](#)  
edito 20/04/2001 7 . 6 . 2 [get it](#)  
GP-06 01/10/2001 7 . 7 . 0 [get it](#)

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**TS 05.03 Channel coding**

R98 *current version: 7.3.1* WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*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: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0*  
smg-30 11/11/1999 7 . 2 . 0 [get it](#)  
smg-31 16/02/1999 7 . 3 . 0 [get it](#)  
ETSI publication 17/02/2001 7 . 3 . 1 [get it](#)

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## TS 05.04 Modulation

R98 current version: 7.3.0

freeze\_meeting:

history (event, available, version,

smg-29 25/06/1999 7 . 0 . 0

ETSI publication 20/06/2000 7 . 0 . 1

smg-30 bis 06/12/1999 7 . 1 . 0

ETSI publication 20/06/2000 7 . 1 . 1

GP-03 15/02/2001 7 . 2 . 0

GP-05 29/06/2001 7 . 3 . 0

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

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #29: 7.0.0 #30b: 7.1.0 GERAN#3:7.2.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TS 05.05 Radio Transmission and Reception

R98 current version: 7.6.0

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

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

G: yes U:

MCC: USAI, Paolino

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TS 05.08 Radio Subsystem Link Control

R98 current version: 7.7.0

freeze\_meeting:

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC:

USAI, Paolino

history (event, available, version,

smg-25 7 . 0 . 0

smg-29 7 . 1 . 0

smg-30 7 . 2 . 0

smg-30b 7 . 3 . 0

ETSI publication 7 . 3 . 1

smg-31 bis 17/04/2000 7 . 4 . 0

ETSI publication 7 . 4 . 1

GP-01 10/10/2000 7 . 5 . 0

GP-02 24/11/2000 7 . 6 . 0

edito 30/11/2000 7 . 6 . 1

GP-06 01/10/2001 7 . 7 . 0

remarks - general:

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TS 05.09 Link adaptation

R98 current version: 7.6.0

freeze\_meeting:

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

MOTOROLA A/S

G: yes U:

MCC:

Peter Skov

USAI, Paolino

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

smg-29 24/06/1999 7 . 0 . 1

ETSI publication 16/12/1999 7 . 0 . 2

smg-30 11/11/1999 7 . 1 . 0

smg-31 16/02/1999 7 . 2 . 0

ETSI publication 05/10/2000 7 . 2 . 1

smg-32 28/06/2000 7 . 3 . 0

GP-02 01/09/2000 7 . 4 . 0

GP-03 15/02/2001 7 . 5 . 0

remove revision 31/07/2001 7 . 5 . 1

marks

GP-06 01/10/2001 7 . 6 . 0

[get it](#)

remarks - general:

remarks - this release:

[get it](#)

[get it](#)

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## 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

<b>TS 06.01</b>	<b>Full Rate Speech Processing Functions</b>					
R98	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:			
	ETSI Publication 14/12/1999 7 . 0 . 2	<a href="#">get it</a>	remarks - this release: #28: 7.0.0			
<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 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	ETSI Publication 14/12/1999 7 . 0 . 2	<a href="#">get it</a>	remarks - this release: #28: 7.0.0			
<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 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 06.07</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 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>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	Deutsche Telekom MobilNet GmbH		
	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 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	7 . 0 . 0		<a href="#">get it</a>	remarks - general:		
	ETSI OAP 28/07/1999	7 . 0 . 1		<a href="#">get it</a>	remarks - this release:		
	ETSI publication 14/12/1999	7 . 0 . 2		<a href="#">get it</a>			
	inclusion of zip files	29/03/2000	7 . 0 . 3	<a href="#">get it</a>			
	inclusion of doc file (!)	31/05/2000	7 . 0 . 4	<a href="#">get it</a>			
	smg-32 20/06/2000	7 . 1 . 0		<a href="#">get it</a>			
	SP-12 29/06/2001	7 . 2 . 0		<a href="#">get it</a>			
<hr/>							
<b>TS 06.11</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>						
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	7 . 0 . 0		<a href="#">get it</a>	remarks - general:		
	ETSI Publication 29/12/1999	7 . 0 . 1		<a href="#">get it</a>	remarks - this release: #29: 7.0.0		
<hr/>							
<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	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		
	SP-12 29/06/2001	7 . 1 . 0		<a href="#">get it</a>			
<hr/>							
<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	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		

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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				
<hr/>									
<b>TS 06.22</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999	7	. 0 . 0	<a href="#">get it</a>	remarks - general:				
	ETSI Publication 20/01/2000	7	. 0 . 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0				
<hr/>									
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	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				
<hr/>									
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	BT Group Plc			
	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				
<hr/>									
<b>TS 06.41</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	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 06.60</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	
<hr/>									
<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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## TS 06.73 ANSI-C code for the GSM Adaptive Multi Rate (AMR) speech codec

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 [get it](#) *remarks - general:* SMG11->S4 at SMG#30  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0.0 TSG#7: 7.4.0 TSG#11:7.5.0  
smg-30 11/11/1999 7 . 2 . 0 [get it](#)  
SP-06 17/12/1999 7 . 3 . 0 [get it](#)  
SP-07 15/03/2000 7 . 4 . 0 [get it](#)  
ETSI Publication 28/09/2000 7 . 4 . 1 [get it](#)  
SP-11 10/04/2001 7 . 5 . 0 [get it](#)

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## TS 06.74 Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec

R98 *current version: 7.1.1* 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 [get it](#) *remarks - general:* SMG11->S4 at SMG#30  
SP-06 17/12/1999 7 . 0 . 0 [get it](#) *remarks - this release:*  
corrected test 04/02/2000 7 . 0 . 1 [get it](#)  
vectors  
corrected test 14/09/2000 7 . 0 . 2 [get it](#)  
vectors  
ETSI publication 05/10/2000 7 . 0 . 3 [get it](#)  
SP-11 10/04/2001 7 . 1 . 0 [get it](#)  
corrected tests 04/07/2001 7 . 1 . 1 [get it](#)

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## TR 06.75 AMR performan characterisation

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 [get it](#) *remarks - general:* SMG11->S4 at SMG#30  
smg-30 11/11/1999 7 . 0 . 0 [get it](#) *remarks - this release:* SMG#29 1.0.0 for information SMG#30: 7.0.0 SA#6: 7.1.0. TSG#7: 7.2.0  
SP-06 17/12/1999 7 . 1 . 0 [get it](#)  
SP-07 17/03/2000 7 . 2 . 0 [get it](#)

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<b>TR 06.76</b>	<b>Adaptive Multi-Rate (AMR) speech codec; Study phase report</b>					
R98	current version: 7.0.0	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					
	SP-07 17/03/2000					
		<a href="#">get it</a>		remarks - general:	New at SMG#31. Then became 06.77; new 06.76 has new title.	
		<a href="#">get it</a>		remarks - this release:	#31:1.0.0 TSG#7:2.0.0 (SP-000023) 7.0.0	
<hr/>						
<b>TS 06.81</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>					
R98	current version: 7.1.1	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					
	smg-30 11/11/1999					
	ETSI Publication 09/05/2000					
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:	#29: 7.0.0 #30: 7.1.0	
		<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>					
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					
	ETSI Publication 12/01/2000					
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:	#29: 7.0.0	
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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>					
R98	current version: 7.0.0	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					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release:	#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					
	smg-29 25/06/1999					
	smg-30 11/11/1999					
	ETSI Publication 09/05/2000					
		<a href="#">get it</a>		remarks - general:	SMG11->S4 at SMG#30	
		<a href="#">get it</a>		remarks - this release:	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0	
		<a href="#">get it</a>				
		<a href="#">get it</a>				

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Server ACTIVE specs R98 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.91 Substitution and muting of lost frames for AMR speech traffic channels

R98 *current version: 7.1.1* WG (prime / other): S4 / - rapporteur: USAI, Paolino 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-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #30: 7.1.0  
ETSI Publication 09/05/2000 7 . 1 . 1 [get it](#)

## TS 06.92 Comfort noise aspects for Adaptive Multi-Rate speech traffic channels

R98 *current version: 7.1.1* WG (prime / other): S4 / - rapporteur: USAI, Paolino 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 17/12/1999 7 . 1 . 1 [get it](#)

## TS 06.93 Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels

R98 *current version: 7.5.0* WG (prime / other): S4 / - rapporteur: USAI, Paolino 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 #30: 7.2.0 SA#6: 7.3.0 TSG#8:7.4.0 TSG#10:7.5.0  
smg-30 11/11/1999 7 . 2 . 0 [get it](#)  
SP-06 17/12/1999 7 . 3 . 0 [get it](#)  
ETSI publication 21/03/2001 7 . 3 . 1 [get it](#)  
SP-08 28/06/2000 7 . 4 . 0 [get it](#)  
ETSI publication 30/11/2000 7 . 4 . 1 [get it](#)  
SP-10 21/12/2000 7 . 5 . 0 [get it](#)

## 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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## 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

### TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R98 *current version:* 7.1.1 *WG (prime / other):* N3 / - *rapporteur:* 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](#)

### 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*

### 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*

### 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 VODAFONE Group Plc  
*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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[http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R98 *current version:* 7.6.0 *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](#)

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## TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R98 *current version:* 7.1.0 *WG (prime / other):* T2 / - *rapporteur:* VACANT,  
*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:* #29: 7.0.0 TSG#5: 7.1.0

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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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## 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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<b>TS 08.01</b>	<b>General Aspects on the BSS-MSC Interface</b>					
R98	current version: 7.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:		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 08.02</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles</b>					
R98	current version: 7.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:		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 08.04</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>					
R98	current version: 7.0.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
history (event, available, version,						
smg-28 12/02/1999 7 . 0 . 0		<a href="#">get it</a>	remarks - general:			
ETSI Publication 17/08/1999 7 . 0 . 1		<a href="#">get it</a>	remarks - this release: #28: 7.0.0			
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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>					
R98	current version: 7.0.1	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-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: #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: #29: 7.0.0 #30: 7.1.0 #31:7.3.0 GERAN#3:7.4.0	
	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: 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 Transceiver 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: THOMASEN, Gert		
	history (event, available, version,				
	smg-29 25/06/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:	
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<b>TS 08.52</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) 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			
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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 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			
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<b>TS 08.56</b>	<b>BSC-BTS Layer 2 Specification</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			
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<b>TS 08.58</b>	<b>Base Station Controller - Base Tranceiver Station (BCS-BTS) Interface Layer 3 Specification</b>					
R98	current version: 7.4.1 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 smg-29 25/06/1999 7 . 1 . 0 smg-30 11/11/1999 7 . 2 . 0 smg-31 16/02/2000 7 . 4 . 0 ETSI Publication 26/05/2000 7 . 4 . 1	G: yes U:	MCC: THOMASEN, Gert			
		<a href="#">get it</a>	remarks - general: remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.4.0			
		<a href="#">get it</a>				
		<a href="#">get it</a>				
		<a href="#">get it</a>				
		<a href="#">get it</a>				

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**TS 08.71 Location services (LCS) SMLC-BSS interface L 3**

R98 current version: 7.5.0

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-29 25/06/1999 7 . 0 . 0

smg-30 bis 06/12/1999 7 . 1 . 0

edito 31/12/1999 7 . 1 . 1

smg-31 16/02/2000 7 . 2 . 0

smg-31 bis 17/04/2000 7 . 3 . 0

GP-02 30/11/2000 7 . 4 . 0

GP-06 14/09/2001 7 . 5 . 0

[get it](#) remarks - general:

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

[get it](#)

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**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>				
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: #29: 7.0.0		
<hr/>					
<b>TS 09.02</b>	<b>Mobile Application Part (MAP) Specification</b>				
R98	current version: 7.9.0	WG (prime / other): N4 / -	rapporteur: PARK, Ian David	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: CN->N4 Apr00 (JMM)		
	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 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>			
<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>				
R98	current version: <b>Network (PLMN)</b>	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		

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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	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 09.05</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>		

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<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	ERICSSON Eurolab Deutschland 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: #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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<b>TS 09.10</b>	<b>Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling</b>								
R98	current version: Procedures and the Mobile Application Part (MAP)	WG (prime / other):	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	<a href="#">get it</a>	remarks - general:	
	NP-06 15/12/1999	7	.	1	.	0	<a href="#">get it</a>	remarks - this release: #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0	
	NP-11 04/04/2001	7	.	2	.	0	<a href="#">get it</a>		

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<b>TS 09.11</b>	<b>Signalling Interworking for Supplementary Services</b>								
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	<a href="#">get it</a>	remarks - general:	
	ETSI Publication 12/03/1999	7	.	0	.	1	<a href="#">get it</a>	remarks - this release: #28: 7.0.0	

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<b>TS 09.13</b>	<b>Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols</b>								
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	CHOTAI, Sunil	BT Group Plc			
	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	

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<b>TS 09.14</b>	<b>Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling</b>								
R98	current version: 7.0.2	WG (prime / other):	SPA / N4	rapporteur:	SPORTON, Simon	VODAFONE Group Plc			
	freeze_meeting:	G: yes	U:	MCC:					
	history (event, available, version,								
	SPS approval 30/06/1999	7	.	0	.	1	<a href="#">get it</a>	remarks - general: EN 302 646	
	ETSI publication 26/09/2000	7	.	0	.	2	<a href="#">get it</a>	remarks - this release: (SPAN1)	

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<b>TS 09.16</b>	<b>General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification</b>				
R98	current version: 7.0.1	WG (prime / other):	N1 / -	rapporteur:	MILLS, Duncan VODAFONE Group Plc
	freeze_meeting:	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	remarks - general:
	ETSI Publication 17/08/1999	7 . 0 . 1		<a href="#">get it</a>	remarks - this release: #28: 7.0.0
<hr/>					
<b>TS 09.18</b>	<b>General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification</b>				
R98	current version: 7.4.0	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>	
<hr/>					
<b>TS 09.31</b>	<b>Location Services LCS Extension (BSSAP-LE)</b>				
R98	current version: 7.5.0	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 . 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>	

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<b>TS 09.60</b>	<b>General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GTP) across the Gn and Gp Interface</b>					
R98	current version: 7.8.0	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	prob with figures. Expect an update.	<a href="#">get it</a>		
	make figures visible	09/08/2001	7 . 7 . 2	<a href="#">get it</a>		
	NP-13 03/10/2001	7 . 8 . 0		<a href="#">get it</a>		

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<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: 7.4.0	WG (prime / other):	N3 / -	rapporteur:	WILD, Johanna	MOTOROLA Ltd
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David	
	history (event, available, version,					
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	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>		

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<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 09.95 Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles**

R98 *current version: 7.0.0*  
*freeze\_meeting: GP-04*

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

*history (event, available, version,*  
GP-04 20/04/2001 7 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:* GERAN#4:7.0.0

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## 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

### TS 10.00 Digital Cellular Telecommunication System Feature Description

R98 *current version:* 7.1.0 *WG (prime / other):* S2 / - *rapporteur:* BERGMANN, Ansgar 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

### 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:*

### TS 10.70 GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR

R98 *current version:* 0.2.1 DRAFT *WG (prime / other):* S4 / - *rapporteur:* VACANT, USAI, Paolino  
*freeze\_meeting:* *G: yes U:* *MCC:*  
*history (event, available, version,*  
smg-27 16/10/1998 0 . 0 . 1  
smg-28 12/02/1999 0 . 2 . 0  
draft 05/02/1999 0 . 2 . 1  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

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## TS 11.13 Test specification for SIM API for Java card

R98 *current version: 7.2.0* WG (prime / other): T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.  
*freeze\_meeting:* SP-11 G: yes U: *MCC:* SANDERS, Michael

*history (event, available, version,*  
TP-10 11/01/2001 1 . 0 . 0 [get it](#) *remarks - general:*  
TP-11 16/05/2001 7 . 0 . 0 [get it](#) *remarks - this release:*  
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formatting  
edito 28/05/2001 7 . 0 . 1 [get it](#) 7.0.0. had wrong date on cover page /  
header  
TP-12 12/07/2001 7 . 1 . 0 [get it](#)  
TP-13 12/10/2001 7 . 2 . 0 [get it](#)

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## TS 11.14 Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

R98 *current version: 7.7.0* WG (prime / other): T3 / - *rapporteur:* WOODSEND, Kristian ASPECTS Software Ltd  
*freeze\_meeting:* G: yes U: *MCC:* SANDERS, Michael

*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](#)  
smg-31 16/02/2000 7 . 4 . 0 [get it](#)  
smg-32 28/06/2000 7 . 5 . 0 [get it](#)  
TP-09 18/10/2000 7 . 6 . 0 [get it](#)  
TP-12 06/07/2001 7 . 7 . 0 [get it](#)

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## TS 11.17 SIM test specification

R98 *current version: 7.0.2* WG (prime / other): T3 / - *rapporteur:* BREMNER, David ASPECTS Software Ltd  
*freeze\_meeting:* G: yes U: *MCC:* SANDERS, Michael

*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 14/12/1999 7 . 0 . 2 [get it](#) *remarks - this release: #28: 7.0.0*

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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: 7.0.1</i>	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	LINDHOLM, Rune	NOKIA MOBILE PHONES
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>	SANDERS, Michael	
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998			<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-28 12/02/1999			<a href="#">get it</a>	<i>remarks - this release: #25: 1.0.0 #28: 7.0.0</i>	
	ETSI Publication 17/08/1999			<a href="#">get it</a>		
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	7 . 0 . 0					
	7 . 0 . 1					
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<b>TS 11.19</b>	<b>CTS SIM Fixed Part</b>					
R98	<i>current version: 7.0.3</i>	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	HUBBE, Pascal	Alcatel Business Systems
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>	SANDERS, Michael	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999			<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI Publication 05/09/2000			<a href="#">get it</a>	<i>remarks - this release: #28: 7.0.0</i>	
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	7 . 0 . 3					
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<b>TS 11.21</b>	<b>Base Station System (BSS) equipment specification; Radio aspects</b>					
R98	<i>current version: 7.2.1</i>	<i>WG (prime / other):</i>	G3 / -	<i>rapporteur:</i>	VACANT,	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999			<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-29 25/06/1999			<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-30 11/11/1999			<a href="#">get it</a>		
	ETSI Publication 09/05/2000			<a href="#">get it</a>		
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	7 . 2 . 0					
	7 . 2 . 1					

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<b>TS 12.03</b>	<b>Security Management</b>					
R98	current version: 7.0.1		WG (prime / other): S5 / S1 /	rapporteur: ZOICAS, Adrian	ETSI Secretariat	
	freeze_meeting:		NP			
	history (event, available, version,		G: yes U:	MCC: ZOICAS, Adrian		
	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 12.04</b>	<b>Performance data measurements</b>					
R98	current version: 7.0.0		WG (prime / other): S5 / S1 /	rapporteur: ZOICAS, Adrian	ETSI Secretariat	
	freeze_meeting:		NP			
	history (event, available, version,		G: yes U:	MCC: ZOICAS, Adrian		
	smg-30 11/11/1999 7 . 0 . 0		<a href="#">get it</a>	remarks - general:		
				remarks - this release:		
<hr/>						
<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: SJÖBLOM, Kai	NOKIA Corporation	
	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: HEATON, Graham	Aether Systems Inc.	
	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>			

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**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

draft 18/10/1999 0 . 0 . 2

draft 03/12/1999 0 . 0 . 3

draft 22/12/1999 0 . 0 . 4

draft 17/01/2000 0 . 0 . 5

draft 22/05/2000 2 . 0 . 0

draft 25/05/2000 2 . 0 . 1

SP-08 21/06/2000 7 . 0 . 0

ETSI Publication 30/11/2000 7 . 0 . 1

WG (prime / other): S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
G: yes U: *MCC:* ZOICAS, Adrian

[get it](#)

*remarks - general:* TSG#11:S5 will no longer maintain.

[get it](#)

*remarks - this release:* Sept 99: 0.0.1 TSG#8:7.0.0 (2.0.1) TSG#11:S5 will no longer maintain.

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R97



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01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

<b>TS 01.02</b>	<b>General Description of a GSM Public Land Mobile Network (PLMN)</b>								
R97	current version: 6.0.1	WG (prime / other):	S1 / GP / NP	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-27	12/01/2001	6	.	0	.	0		<a href="#">get it</a>	remarks - general:
edito	16/01/2001	6	.	0	.	1		<a href="#">get it</a>	remarks - this release:
<b>TR 01.04</b>	<b>Abbreviations and Acronyms</b>								
R97	current version: 6.0.0	WG (prime / other):	GP / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
history (event, available, version,									
smg-27	15/11/2000	6	.	0	.	0		<a href="#">get it</a>	remarks - general:
									remarks - this release:
<b>TS 01.48</b>	<b>ISDN-based DECT/GSM interworking; Feasibility study</b>								
R97	current version: 6.0.1	WG (prime / other):	S1 / -	rapporteur:	GRAETZ, Ingeborg	SIEMENS AG			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-27	01/12/2000	6	.	0	.	0		<a href="#">get it</a>	remarks - general:
edito	16/01/2001	6	.	0	.	1		<a href="#">get it</a>	remarks - this release:
<b>TR 01.60</b>	<b>GPRS requirements</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-25	20/03/1998	6	.	0	.	0		<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>								
R97	current version: 6.0.1	WG (prime / other):	S3 / -	rapporteur:	WALKER, Michael	VODAFONE Group Plc			
	freeze_meeting:	G: yes	U:	MCC:	POPE, Maurice				
history (event, available, version,									
smg-25	20/03/1998	6	.	0	.	0		<a href="#">get it</a>	remarks - general:
Editorial correction	20/03/1998	6	.	0	.	1		<a href="#">get it</a>	remarks - this release:

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**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>					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-28 12/02/1999 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-29 26/06/1999 6 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 02.02</b>	<b>Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)</b>					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-28 12/02/1999 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	Editorial correction 12/02/1999 6 . 1 . 1	<a href="#">get it</a>				
<hr/>						
<b>TS 02.03</b>	<b>Teleservices Supported by a GSM Public Land Mobile Network (PLMN)</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	Deutsche Telekom MobilNet GmbH		
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 02.04</b>	<b>General on Supplementary Services</b>					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-28 12/02/1999 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-29 25/06/1999 6 . 1 . 1	<a href="#">get it</a>				

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<b>TS 02.06</b>	<b>Types of Mobile Stations (MS)</b>					
R97	current version: 6.1.1	WG (prime / other):	S1 / -	rapporteur:	JEAL, David	VODAFONE Group Plc
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1999			<a href="#">get it</a>	remarks - general:	
	ETSI publication 26/05/1999			<a href="#">get it</a>	remarks - this release:	
	smg-28 12/02/1999			<a href="#">get it</a>		
	ETSI publication 04/08/1999			<a href="#">get it</a>		
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	6 . 0 . 1					
	6 . 1 . 0					
	6 . 1 . 1					

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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>		
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	6 . 1 . 0					
	6 . 2 . 0					

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<b>TS 02.09</b>	<b>Security Aspects</b>					
R97	current version: 6.1.1	WG (prime / other):	S3 / S1 / NP	rapporteur:	CHRISTOFFERSSON, Per	TELIA AB
	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 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>		
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	6 . 0 . 1					
	6 . 1 . 0					
	6 . 1 . 1					

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<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:	
	6 . 0 . 0					
	6 . 1 . 0					

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<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>		
<hr/>						
<b>TS 02.17</b>	<b>Subscriber Identity Modules, 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:	SANDERS, Michael	
	history (event, available, version,					
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	
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<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			<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			<a href="#">get it</a>	remarks - general:	
	Editorial correction 16/11/1998			<a href="#">get it</a>	remarks - this release:	
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<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			<a href="#">get it</a>	remarks - general:	
	edito 26/06/1998			<a href="#">get it</a>	remarks - this release:	
	smg-28 12/02/1999			<a href="#">get it</a>		

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<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: MUHONEN, Ahti	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:
<hr/>						
<b>TS 02.41</b>	<b>Operator Determined Barring</b>					
R97	current version: 6.0.0	WG (prime / other): S1 /	rapporteur: ...,	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>						
<b>TS 02.42</b>	<b>Network Identity and Timezone (NITZ); Service Description, Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other): S1 /	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting:	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 02.48</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: SANDERS, Michael			
	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:

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**TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1**

R97 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S4 / *rapporteur:* NAVARRO, William  
*G: yes U:* *MCC:* USAI, Paolino

NORTEL NETWORKS (EUROPE)

*remarks - general:* SMG11->S4 at SMG#30  
*remarks - this release:* No spec this Release

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**TS 02.60 General Packet Radio Service Stage 1 Description**

R97 *current version:* 6.3.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0  
smg-26 26/06/1998 6 . 1 . 0  
ETSI publication 01/12/1998 6 . 1 . 1  
smg-28 12/02/1999 6 . 2 . 0  
ETSI publication 04/08/1999 6 . 2 . 1  
SP-05 14/10/1999 6 . 3 . 0  
ETSI publication 28/11/2000 6 . 3 . 1

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

Lucent Technologies Network Systems UK

*remarks - general:*  
*remarks - this release:* #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 6.3.0

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**TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1**

R97 *current version:* 6.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0

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

Deutsche Telekom MobilNet GmbH

[get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

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**TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1**

R97 *current version:* 6.1.1  
*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  
Editorial correction 25/07/1999 6 . 1 . 1

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

Union Internationale des Chemins de Fer

[get it](#) *remarks - general:*  
*remarks - this release:*  
[get it](#)  
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<b>TS 02.68</b>	<b>Voice Group Call Service (VGCS); 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,			<a href="#">get it</a>	remarks - general:	
	smg-27 06/10/1998			<a href="#">get it</a>	remarks - this release:	
	publish EN 300 01/09/1999					
	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,			<a href="#">get it</a>	remarks - general:	
	smg-27 16/10/1998			<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
	Editorial correction 16/11/1998					
<hr/>						
<b>TS 02.78</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)</b>					
R97	current version: 6.5.0	WG (prime / other):	S1 / -	rapporteur:	GRECH, Michel	Lucent Technologies Network Systems UK
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,			<a href="#">get it</a>	remarks - general:	
	smg-25 20/03/1998			<a href="#">get it</a>	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#10:6.5.0	
	smg-26 26/06/1998			<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>		
	SP-05 14/10/1999			<a href="#">get it</a>		
	SP-10 12/01/2001			<a href="#">get it</a>		
<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,			<a href="#">get it</a>	remarks - general:	
	smg-27 16/10/1998				remarks - this release: #27: 6.0.0	

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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 02.81</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	
<hr/>						
<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	
<hr/>						
<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 (MPTY) 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	

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**TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1**

R97 current version: 6.0.0

freeze\_meeting:

history (event, available, version,  
smg-27 15/10/1998 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: #27: 6.0.0

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**TS 02.96 Name Identification Supplementary Services; Stage 1**

R97 current version: 6.0.1

freeze\_meeting:

history (event, available, version,  
smg-25 20/03/1998 6 . 0 . 0  
Editorial correction 20/04/1998 6 . 0 . 1

WG (prime / other): S1 / - rapporteur: GARAPATY, Sonia  
G: yes U: MCC: CLAYTON, Michael

Nortel Networks (USA)

[get it](#) remarks - general:  
[get it](#) remarks - this release: #25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1

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

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## 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

<b>TS 03.01</b>	<b>Network Functions</b>					
R97	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	<a href="#">get it</a>	remarks - general: SMG3->SA2 @ TSG#7			
	smg-28 12/02/1999 6 . 1 . 0	<a href="#">get it</a>	remarks - this release: #27: 6.0.0 #28: 6.1.0			
<b>TS 03.02</b>	<b>Network Architecture</b>					
R97	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	<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			
<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>					
R97	current version: 6.6.0	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-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>	remarks - this release: #25: 6.0.0 #26: 6.1.0 #28: 6.2.0 #29: 6.3.0 TSG#5 6.4.0 TSG#7: 6.5.0			
	smg-28 12/02/1999 6 . 2 . 0	<a href="#">get it</a>				
	smg-29 25/06/1999 6 . 3 . 0	<a href="#">get it</a>				
	NP-05 14/10/1999 6 . 4 . 0	<a href="#">get it</a>				
	NP-07 17/03/2000 6 . 5 . 0	<a href="#">get it</a>				
	NP-08 28/06/2000 6 . 6 . 0	<a href="#">get it</a>				
<b>TR 03.05</b>	<b>Technical performance objectives</b>					
R97	current version: 6.0.0	WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: #27: 6.0.0			

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



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**TS 03.11 Technical Realization of Supplementary Services - General Aspects**

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen Deutsche Telekom MobilNet GmbH  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release: #27: 6.0.0*

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**TS 03.12 Location Registration Procedures**

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 [get it](#) *remarks - general:*  
*remarks - this release: #27: 6.0.0*

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**TS 03.13 Discontinuous Reception (DRX) in the GSM System**

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 [get it](#) *remarks - general:*  
*remarks - this release: #27: 6.0.0*

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**TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System**

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 [get it](#) *remarks - general:*  
*remarks - this release: #27: 6.0.0*

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**TS 03.15 Technical Realization of Operator Determined Barring**

R97 *current version:* 6.1.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE Group Plc  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release: #26: 6.0.0 SMG#29: 6.1.0*

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<b>TS 03.16</b>	<b>Subscriber Data Management</b>				
R97	current version: 6.5.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald SIEMENS AG
	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:	#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
	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-09 13/10/2000	6 . 5 . 0	<a href="#">get it</a>		
<hr/>					
<b>TS 03.18</b>	<b>Basic Call Handling</b>				
R97	current version: 6.7.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David VODAFONE Group Plc
	freeze_meeting:	G: yes	U:	MCC:	Chalmers KYMALAINEN, Kimmo
	history (event, available, version,				
	smg-25 20/03/1998	6 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-26 26/06/1998	6 . 1 . 0	<a href="#">get it</a>	remarks - this release:	#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
	smg-27 16/10/1998	6 . 2 . 0	<a href="#">get it</a>		
	smg-28 12/02/1999	6 . 3 . 0	<a href="#">get it</a>		
	smg-29 25/06/1999	6 . 4 . 0	<a href="#">get it</a>		
	NP-05 13/10/1999	6 . 5 . 0	<a href="#">get it</a>		
	NP-07 17/03/2000	6 . 6 . 0	<a href="#">get it</a>		
	NP-09 04/10/2000	6 . 7 . 0	<a href="#">get it</a>		
<hr/>					
<b>TS 03.20</b>	<b>Security-related Network Functions</b>				
R97	current version: 6.1.0	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-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:	#32:6.2.0 - evidently not!

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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 VODAFONE Group Plc  
*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:* 6.1.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian VODAFONE Group Plc  
*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 #25: 6.0.0 #26: 6.1.0*

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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 VODAFONE Group Plc  
*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 VODAFONE Group Plc  
*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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<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
<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:				
<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:
<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
<b>TS 03.48</b>	<b>Security Mechanisms for SIM Toolkit Application; Stage 2</b>								
R97	current version: 6.2.0	WG (prime / other):	T3 / -	rapporteur:	BARNES, Nigel	MOTOROLA Ltd			
	freeze_meeting:	G: yes	U:	MCC:	SANDERS, Michael				
	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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<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:				
	history (event, available, version,	G: yes U:	MCC: RODERMUND, Friedhelm		
	smg-25 20/03/1998 6 . 0 . 0				<a href="#">get it</a> remarks - general:
	smg-26 26/06/1998 6 . 1 . 0				<a href="#">get it</a> remarks - this release: #25: 6.0.0 #26: 6.1.0
<hr/>					
<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>				
R97	current version: 6.2.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	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:
	smg-28 12/02/1999 6 . 1 . 0				<a href="#">get it</a> remarks - this release: #27: 6.0.0 #28: 6.1.0 #32:6.2.0
	ETSI publication 21/07/1999 6 . 1 . 1				<a href="#">get it</a>
	smg-32 20/06/2000 6 . 2 . 0				<a href="#">get it</a>
	ETSI publication 30/11/2000 6 . 2 . 1				<a href="#">get it</a>
<hr/>					
<b>TS 03.54</b>	<b>Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a> remarks - general:
					remarks - this release: #27: 6.0.0
<hr/>					
<b>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 6 . 0 . 0				<a href="#">get it</a> remarks - general:
	Editorial correction 20/04/1998 6 . 0 . 1				<a href="#">get it</a> remarks - this release: #23: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

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## TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R97 *current version:* 6.9.0 *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 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #23: 5.1.0 #24: 5.2.0 #25: 5.3.0 #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #27:  
6.2.0 #28: 6.3.0 #29: 6.4.0 TSG#5 6.5.0 S#6: 6.6.0 TSG#7: 6.7.0 TSG#11:6.8.0

edito 28/07/1998 6 . 1 . 1 [get it](#)  
smg-27 16/10/1998 6 . 2 . 0 [get it](#)  
smg-28 12/02/1999 6 . 3 . 0 [get it](#)  
ETSI Vote 13/04/1999 6 . 3 . 1 [get it](#)  
ETSI publication 21/07/1999 6 . 3 . 2 [get it](#)  
smg-29 25/06/1999 6 . 4 . 0 [get it](#)  
ETSI publication 29/12/1999 6 . 4 . 1 [get it](#)  
SP-05 13/10/1999 6 . 5 . 0 [get it](#)  
SP-06 17/12/1999 6 . 6 . 0 [get it](#)  
ETSI publication 07/07/2000 6 . 6 . 1 [get it](#)  
SP-07 17/03/2000 6 . 7 . 0 [get it](#)  
ETSI publication 22/09/2000 6 . 7 . 1 [get it](#)  
SP-11 19/04/2001 6 . 8 . 0 [get it](#)  
SP-12 16/08/2001 6 . 9 . 0 [get it](#)

---

## TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter Deutsche Telekom MobilNet GmbH  
*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

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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 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.64 Overall description of the GPRS radio interface; Stage 2

R97 current version: 6.4.0

freeze\_meeting:

history (event, available, version,

smg-25 20/03/1998 6 . 0 . 0  
smg-26 26/06/1998 6 . 0 . 1

smg-27 16/10/1998 6 . 1 . 0

ETSI OAP 27/05/2000 6 . 1 . 1

smg-28 12/02/1999 6 . 2 . 0

smg-29 25/06/1999 6 . 3 . 0

smg-30 11/11/1999 6 . 4 . 0

WG (prime / other): G1 / -

G: yes U:

rapporteur: LEPPISAARI, Arto

MCC: USAI, Paolino

NOKIA Corporation

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

remarks - general:

remarks - this release: #23: 5.1.0 #24: 5.2.0 #25: 6.0.0 (5.x.y withdrawn) #27: 6.1.0 #28: 6.2.0 #29:  
6.3.0 #30: 6.4.0

## TS 03.67 Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2

R97 current version: 6.1.0

freeze\_meeting:

history (event, available, version,

smg-27 16/10/1998 6 . 0 . 0

NP-07 17/03/2000 6 . 1 . 0

WG (prime / other): N4 / -

G: yes U:

rapporteur: MÜNNING, Dirk

MCC: KYMALAINEN, Kimmo

DETECON GMBH

[get it](#)

[get it](#)

remarks - general:

remarks - this release: #27: 6.0.0 TSG#7: 6.1.0

## TS 03.68 Voice Group Call Service (VGCS); Stage 2

R97 current version: 6.3.0

freeze\_meeting:

history (event, available, version,

smg-25 20/03/1998 6 . 0 . 0

smg-26 26/06/1998 6 . 1 . 0

smg post SP-07 30/10/1998 6 . 2 . 0

NP-09 12/10/2000 6 . 3 . 0

WG (prime / other): N1 / -

G: yes U:

rapporteur: GARAPATY, Sonia

MCC: JORGENSEN, Per Johan

Nortel Networks (USA)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

remarks - general:

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

## TS 03.69 Voice Broadcast service (VBS); Stage 2

R97 current version: 6.3.0

freeze\_meeting:

history (event, available, version,

smg-25 20/03/1998 6 . 0 . 0

smg-26 26/06/1998 6 . 1 . 0

smg post SP-07 30/03/2000 6 . 2 . 0

NP-09 12/10/2000 6 . 3 . 0

WG (prime / other): N1 / -

G: yes U:

rapporteur: MÜNNING, Dirk

MCC: JORGENSEN, Per Johan

DETECON GMBH

[get it](#)

[get it](#)

[get it](#)

[get it](#)

remarks - general:

remarks - this release: #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 TSG#9:6.3.0

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 CAMEL Phase 2; Stage 2

R97 current version: 6.9.1  
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

WG (prime / other): N2 / - rapporteur: LANTELME, Isabelle ALCATEL S.A.  
G: yes U: MCC: JURISIC, Andrijana

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

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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 Group Plc  
Chalmers  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #27: 6.0.0 #29: 6.1.0 TSG#5: 6.2.0 TSG#7: 6.3.0  
[get it](#)  
[get it](#)

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



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[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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<b>TS 03.81</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
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					MANNESMANN Mobilfunk GmbH
smg-27 16/10/1998 6 . 0 . 0					
smg-29 25/06/1999 6 . 1 . 0					
		<a href="#">get it</a>		remarks - general:	
		<a href="#">get it</a>		remarks - this release: #27: 6.0.0 #29: 6.1.0	
<hr/>					
<b>TS 03.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					NORTEL NETWORKS (EUROPE)
smg-27 16/10/1998 6 . 0 . 0					
		<a href="#">get it</a>		remarks - general:	
				remarks - this release: #27: 6.0.0	
<hr/>					
<b>TS 03.84</b>	<b>Multi Party (MPPTY) Supplementary Services; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					Deutsche Telekom MobilNet GmbH
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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G = required in systems with GERAN access; U = required in systems with UMTS

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**TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2**

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): N4 / - rapporteur: VACANT,  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #27: 6.0.0

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**TS 03.88 Call Barring (CB) supplementary services; Stage 2**

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: HAMEL, Eric France Telecom  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
remarks - this release: #27: 6.0.0

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**TS 03.90 Unstructured Supplementary Service Data (USSD)**

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 BT Group Plc  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
remarks - this release: #27: 6.0.0

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**TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2**

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: DZUBAN, Stanislav SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
remarks - this release: #27: 6.0.0

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**TS 03.93 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2**

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-27 16/10/1998 6 . 2 . 0

WG (prime / other): N4 / - rapporteur: HÄMÄLÄINEN, Pekka Telefon AB LM Ericsson  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0  
[get it](#)

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

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**TS 03.96 Name Identification Supplementary Services; Stage 2**

R97 current version: 6.0.1

freeze\_meeting:

history (event, available, version,

smg-25 20/03/1998 6 . 0 . 0

Editorial correction 20/04/1998 6 . 0 . 1

WG (prime / other): N4 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

[get it](#) remarks - this release: #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

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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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<b>TS 04.01</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles</b>				
R97	current version: 6.0.0 freeze_meeting:	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan		<a href="#">get it</a> remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
<b>TS 04.02</b>	<b>GSM Public Land Mobile Network (PLMN) Access Reference Configuration</b>				
R97	current version: 6.0.0 freeze_meeting:	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan		<a href="#">get it</a> remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
<b>TS 04.03</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</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:
<hr/>					
<b>TS 04.04</b>	<b>Layer 1 - General Requirements</b>				
R97	current version: 6.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG	
	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:

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

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Server ACTIVE 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 04.05 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 MOTOROLA A/S  
Peter Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

[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 MOTOROLA A/S  
Peter Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #27: 6.0.0 #29: 6.1.0 #31:6.2.0*  
[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:*

*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

*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](#)  
[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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[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

R97 current version: 6.15.0

freeze\_meeting:

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-25		6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
edito	08/09/1998	6	.	1	.	1
smg-27	16/10/1998	6	.	2	.	0
ETSI publication	13/04/1999	6	.	2	.	1
smg-28	12/02/1999	6	.	3	.	0
ETSI publication	25/08/1999	6	.	3	.	1
smg-29	25/06/1999	6	.	4	.	0
edito	23/07/1999	6	.	4	.	1
ETSI OAP	11/08/1999	6	.	4	.	2
ETSI publication	29/12/1999	6	.	4	.	3
NP-05	08/10/1999	6	.	5	.	0
smg-30 bis	06/12/1999	6	.	6	.	0
NP-06	15/12/1999	6	.	7	.	0
ETSI publication	05/07/2000	6	.	7	.	1
smg-31	16/02/2000	6	.	8	.	0
NP-07	15/03/2000	6	.	9	.	0
ETSI publication	29/09/2000	6	.	9	.	1
smg-31 bis	17/04/2000	6	.	10	.	0
smg-32	21/06/2000	6	.	11	.	0
GP-01/NP-09	12/10/2000	6	.	12	.	0
edito	02/11/2000	6	.	12	.	1
NP-10	02/01/2001	6	.	13	.	0
GP-04 / NP-11	11/04/2001	6	.	14	.	0
NP-12	05/07/2001	6	.	15	.	0

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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!)

## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R97 current version: 6.0.1

freeze\_meeting:

WG (prime / other): N4 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0
Editorial correction	20/04/1998	6	.	0	.	1

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remarks - general:

remarks - this release: #25: 6.0.0

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

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**TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface**  
R97 *current version:* 6.1.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT Communications Ware Corporation  
*freeze\_meeting:* *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*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 TSG#9:6.1.0*  
NP-09 12/10/2000 6 . 1 . 0 [get it](#)

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**TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface**  
R97 *current version:* 6.0.1 *WG (prime / other):* G2 / T2 *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:*  
Editorial correction 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release: #27: 6.0.0*

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**TS 04.13 Performance Requirements on Mobile Radio Interface**  
R97 *current version:* 6.0.1 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 16/10/1998 6 . 0 . 1 [get it](#) *remarks - this release: #27: 6.0.0*

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**TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions**  
R97 *current version:* 6.2.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 11/11/1999 6 . 1 . 0 [get it](#) *remarks - this release: #27: 6.0.0 #30: 6.1.0 #32:6.2.0*  
smg-32 28/06/2000 6 . 2 . 0 [get it](#)

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**TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface**  
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 [get it](#) *remarks - general:*  
NP-08 23/06/2000 6 . 1 . 0 [get it](#) *remarks - this release: #27: 6.0.0 TSG#8:6.1.0*

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

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[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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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**  
R97 current version: **Switching Centre (BSS - MSC) interface** 6.2.0 WG (prime / other): N3 /- rapporteur: KLEHN, Norbert  
SIEMENS AG

freeze\_meeting: G: yes U: MCC: BOSWARTHICK, David  
history (event, available, version, [get it](#) remarks - general:  
smg-26 26/06/1998 6 . 0 . 0 [get it](#) remarks - this release: #26: 6.0.0 #27: 6.1.0 TSG#6: 6.2.0  
smg-27 16/10/1998 6 . 1 . 0 [get it](#)  
NP-06 17/12/1999 6 . 2 . 0 [get it](#)

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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, [get it](#) remarks - general:  
draft 20/12/1997 0 . 0 . 0 [get it](#) remarks - this release:  
draft 20/03/1998 1 . 0 . 0 [get it](#)  
draft 20/03/1998 2 . 0 . 0 [get it](#)  
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](#)  
ETSI publication 14/06/1999 6 . 3 . 1 [get it](#)  
smg-29 25/06/1999 6 . 4 . 0 [get it](#)  
ETSI publication 16/12/1999 6 . 4 . 1 [get it](#)  
smg-30 11/11/1999 6 . 5 . 0 [get it](#)  
smg-30 bis 06/12/1999 6 . 6 . 0 [get it](#)  
ETSI publication 05/07/2000 6 . 6 . 1 [get it](#)  
smg-31 16/02/2000 6 . 7 . 0 [get it](#)  
ETSI publication 29/09/2000 6 . 7 . 1 [get it](#)  
smg-31 bis 17/04/2000 6 . 8 . 0 [get it](#)  
ETSI publication 17/10/2000 6 . 8 . 1 [get it](#)  
smg-32 20/06/2000 6 . 9 . 0 [get it](#)  
GP-01 11/10/2000 6 . 10 . 0 [get it](#)  
GP-02 27/11/2000 6 . 11 . 0 [get it](#)  
GP-03 31/01/2001 6 . 12 . 0 [get it](#)  
GP-04 04/05/2001 6 . 13 . 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/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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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 Deutsche Telekom MobilNet GmbH  
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

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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

R97 current version: 6.9.0 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 [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-28 12/02/1999 6 . 3 . 0 [get it](#)  
smg-29 25/06/1999 6 . 4 . 0 [get it](#)  
smg-30 11/11/1999 6 . 5 . 0 [get it](#)  
NP-06 17/12/1999 6 . 6 . 0 [get it](#)  
smg-31 16/02/2000 6 . 7 . 0 [get it](#)  
NP-10 02/01/2001 6 . 8 . 0 [get it](#)  
NP-13 02/10/2001 6 . 9 . 0 [get it](#)

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## TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)

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 [get it](#) remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) remarks - this release:  
smg-27 16/10/1998 6 . 2 . 0 [get it](#)  
smg-28 12/02/1999 6 . 3 . 0 [get it](#)  
smg-29 25/06/1999 6 . 4 . 0 [get it](#)  
smg-30 11/11/1999 6 . 5 . 0 [get it](#)  
NP-06 17/12/1999 6 . 6 . 0 [get it](#)  
smg-31 16/02/2000 6 . 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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**TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3**

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH  
*freeze\_meeting:* *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release: #27: 6.0.0*

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**TS 04.68 Group Call Control (GCC) Protocol**

R97 *current version:* 6.3.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*  
smg-30 11/11/1999 6 . 2 . 0 [get it](#)  
NP-07 17/03/2000 6 . 3 . 0 [get it](#)

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**TS 04.69 Broadcast Call Control (BCC) protocol**

R97 *current version:* 6.3.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*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:*  
smg-30 11/11/1999 6 . 2 . 0 [get it](#)  
NP-07 17/03/2000 6 . 3 . 0 [get it](#)

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**TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding**

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 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*  
smg-28 12/02/1999 6 . 1 . 1 [get it](#)

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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/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.81 Line Identification Supplementary Services; Stage 3

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): N4 / - rapporteur: KYMALAINEN, Kimmo ETSI Secretariat  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #27: 6.0.0

## TS 04.82 Call Forwarding (CF) Supplementary Services - Stage 3

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): N4 / - rapporteur: POTHS, Annette MANNESMANN Mobilfunk GmbH  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #27: 6.0.0

## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

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): N4 / - rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #27: 6.0.0

## TS 04.84 Multi Party (MPPTY) Supplementary Services; Stage 3

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): N4 / - rapporteur: HABERMANN, Steffen Deutsche Telekom MobilNet GmbH  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #27: 6.0.0

## TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

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

[get it](#) 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 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

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): N4 / - rapporteur: KYMALAINEN, Kimmo ETSI Secretariat  
G: yes U: MCC: KYMALAINEN, Kimmo  
[get it](#) remarks - general:  
[get it](#) remarks - this release: #27: 6.0.0

## TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

R97 current version: 6.0.1  
freeze\_meeting:  
history (event, available, version,  
smg-25 20/03/1998 6 . 0 . 0  
Editorial correction 20/04/1998 6 . 0 . 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: #25: 6.0.0

## TS 04.90 Unstructured Supplementary Service Data (USSD)

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): N4 / - rapporteur: KYMALAINEN, Kimmo ETSI Secretariat  
G: yes U: MCC: KYMALAINEN, Kimmo  
[get it](#) remarks - general:  
[get it](#) remarks - this release: #27: 6.0.0

## TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R97 current version: 6.0.1  
freeze\_meeting:  
history (event, available, version,  
smg-27 16/10/1998 6 . 0 . 0  
<to be defined> 16/11/1998 6 . 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: #27: 6.0.0

## TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R97 current version: 6.1.1  
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 . 1 . 1

WG (prime / other): N4 / - rapporteur: HÄMÄLÄINEN, Pekka Telefon AB LM Ericsson  
G: yes U: MCC: KYMALAINEN, Kimmo  
[get it](#) remarks - general:  
[get it](#) remarks - this release: #25: 6.0.0 #26: 6.1.0 #28:6.1.1  
[get it](#)

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

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**TS 04.96 Name Identification Supplementary Services; Stage 3**

R97 *current version:* 6.0.1

*freeze\_meeting:*

*history (event, available, version,*

smg-25 20/03/1998 6 . 0 . 0

Editorial correction 20/04/1998 6 . 0 . 1

*WG (prime / other):* N4 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

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

[get it](#) *remarks - this release:* #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

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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)

### TS 05.01 Physical Layer on the Radio Path (General Description)

R97 current version: 6.1.1 WG (prime / other): GP / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES  
freeze\_meeting: G: yes U: MCC: USAI, Paolino  
history (event, available, version, [get it](#) remarks - general:  
smg-24 19/12/1997 6 . 0 . 0 [get it](#) remarks - this release: #24: 6.0.0 #25: 6.1.0  
smg-25 20/03/1998 6 . 1 . 0 [get it](#)  
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, [get it](#) remarks - general:  
smg-24 19/12/1997 6 . 0 . 0 [get it](#) remarks - this release:  
smg-25 20/03/1998 6 . 1 . 0 [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](#)  
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

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release: #24: 6.0.0 #25: 6.1.0 #28: 6.2.0

[get it](#)

[get it](#)

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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

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release: #27: 6.0.0 #30b: 6.1.0

[get it](#)

[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:

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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/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.08 Radio Subsystem Link Control

R97 current version: 6.9.0

freeze\_meeting:

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
smg-25	20/03/1998	6	.	1	.	0
edito	20/03/1998	6	.	1	.	1
smg-26	26/06/1998	6	.	2	.	0
smg-27	16/10/1998	6	.	3	.	0
ETSI publication	09/03/1999	6	.	3	.	1
smg-28	12/02/1999	6	.	4	.	0
ETSI publication	04/08/1999	6	.	4	.	1
smg-29	25/06/1999	6	.	5	.	0
ETSI publication	04/12/1999	6	.	5	.	1
smg-30	11/11/1999	6	.	6	.	0
smg-30 bis	06/12/1999	6	.	7	.	0
edito	01/02/2000	6	.	7	.	1
smg-31 bis	17/04/2000	6	.	8	.	0
ETSI publication		6	.	8	.	1
GP-01	10/10/2000	6	.	9	.	0

[get it](#) remarks - general:

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

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## TS 05.10 Radio subsystem synchronization

R97 current version: 6.7.0

freeze\_meeting:

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
smg-25	20/03/1998	6	.	1	.	0
smg-26	26/06/1998	6	.	2	.	0
smg-27	16/10/1998	6	.	3	.	0
ETSI publication	09/03/1999	6	.	3	.	1
smg-28	12/02/1999	6	.	4	.	0
ETSI publication	04/08/1999	6	.	4	.	1
smg-29	25/06/1999	6	.	5	.	0
ETSI publication	14/12/1999	6	.	5	.	1
smg-30	11/11/1999	6	.	6	.	0
ETSI publication	29/05/2001	6	.	6	.	1
GP-02	24/11/2000	6	.	7	.	0

[get it](#) remarks - general:

[get it](#) remarks - this release: #24: 6.0.0 #25: 6.1.0 #26: 6.2.0 #27: 6.3.0 #28: 6.4.0 #29: 6.5.0 #30: 6.6.0  
GERAN#2:6.7.0

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



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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 29/06/2001 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 Deutsche Telekom MobilNet GmbH  
*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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G = required in systems with GERAN acces; U = required in systems with UMTS

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[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

**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 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:		
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<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 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 06.06</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 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 06.07</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 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>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	Deutsche Telekom MobilNet GmbH	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
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			remarks - this release: #27: 6.0.0		

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<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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**TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels**

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 [get it](#) *remarks - general:*  
ETSI Publication 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release: #27: 6.0.0*

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**TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels**

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 [get it](#) *remarks - general:*  
ETSI Publication 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release: #27: 6.0.0*

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**TS 06.32 Voice Activity Detection (VAD)**

R97 *current version:* 6.0.1 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul BT Group Plc  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release: #27: 6.0.0*

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**TS 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels**

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 [get it](#) *remarks - general:*  
ETSI Publication 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release: #27: 6.0.0*

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**TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels**

R97 *current version:* 6.0.1 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul BT Group Plc  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 16/11/1998 6 . 0 . 1 [get it](#) *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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**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 VODAFONE Group Plc  
*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: 6.4.0 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: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 TSG#5: 6.4.0  
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](#)

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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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## 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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<b>TS 08.01</b>	<b>General Aspects on the 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		
<hr/>					
<b>TS 08.02</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) 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 08.04</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 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-26 26/06/1998 6 . 1 . 0 smg-28 12/02/1999 6 . 2 . 0 smg-29 25/06/1999 6 . 3 . 0	G: yes U:	MCC: THOMASEN, Gert		
		<a href="#">get it</a>	remarks - general: remarks - this release:		
		<a href="#">get it</a>			
		<a href="#">get it</a>			
		<a href="#">get it</a>			

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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-24 19/12/1997	6	. 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-25 (5.0.0 20/03/1998	6	. 0 . 0	<a href="#">get it</a>	remarks - this release: #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn) #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 #29: 6.4.0		
	withdrawn)				#30: 6.5.0 #31:6.7.0		
	smg-26 26/06/1998	6	. 1 . 0	<a href="#">get it</a>			
	smg-27 16/10/1998	6	. 2 . 0	<a href="#">get it</a>			
	smg-28 12/02/1999	6	. 3 . 0	<a href="#">get it</a>			
	smg-29 25/06/1999	6	. 4 . 0	<a href="#">get it</a>			
	smg-30 11/11/1999	6	. 5 . 0	<a href="#">get it</a>			
	smg-31 16/02/2000	6	. 7 . 0	<a href="#">get it</a>			
	ETSI Publication 16/03/2000	6	. 7 . 1	<a href="#">get it</a>			
	GP-05 18/06/2001	6	. 8 . 0	<a href="#">get it</a>			

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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	6	. 0 . 0	<a href="#">get it</a>	remarks - general:		
	NP-11 04/04/2001	6	. 1 . 0	<a href="#">get it</a>	remarks - this release:		

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<b>TS 08.51</b>	<b>Base Station Controller - Base Tranceiver 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:	Peter Skov THOMASEN, Gert		
	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 08.52</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles</b>						
R97	current version: 6.0.0	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-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 08.54</b>	<b>BSC-BTS : Layer 1 Structure of Physical Circuits</b>					
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-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 08.56</b>	<b>BSC-BTS Layer 2 Specification</b>					
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-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
<b>TS 08.58</b>	<b>Base Station Controler - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>					
R97	current version: 6.3.0	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-25 20/03/1998 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: #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0		
	smg-29 25/06/1999 6 . 2 . 0	<a href="#">get it</a>				
	smg-30 11/11/1999 6 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 08.60</b>	<b>Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR</b>					
R97	current version: 6.0.1	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-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:		

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**TS 08.61 Inband Control of Remote Transcoder and Rate Adaptors; (Half Rate)**

R97 current version: 6.0.1  
freeze\_meeting:

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

history (event, available, version,  
smg-27 18/10/1998 6 . 0 . 0  
ETSI Publication 18/11/1998 6 . 0 . 1

[get it](#) remarks - general:  
[get it](#) remarks - this release: #27: 6.0.0

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<b>TR 09.01</b>	<b>General Network Interworking Scenarios</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	
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<b>TS 09.02</b>	<b>Mobile Application Part (MAP) Specification</b>					
R97	current version: 6.11.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David VODAFONE Group Plc	
	freeze_meeting:	G: yes	U:	MCC:	Chalmers KYMALAINEN, Kimmo	
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:	CN->N4 Apr00 (JMM)	
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>		remarks - this release:		
	edito 09/09/1998 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>				
	smg-29 25/06/1999 6 . 4 . 0	<a href="#">get it</a>				
	NP-05 08/10/1999 6 . 5 . 0	<a href="#">get it</a>				
	NP-06 15/12/1999 6 . 6 . 0	<a href="#">get it</a>				
	NP-07 15/03/2000 6 . 7 . 0	<a href="#">get it</a>				
	NP-08 21/06/2000 6 . 8 . 0	<a href="#">get it</a>				
	NP-09 08/11/2000 6 . 9 . 0	<a href="#">get it</a>				
	NP-10 21/12/2000 6 . 10 . 0	<a href="#">get it</a>				
	NP-11 06/04/2001 6 . 11 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 09.03</b>	<b>Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile</b>					
R97	current version: <b>Network (PLMN)</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	

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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>								
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			
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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>					
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<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	ERICSSON Eurolab Deutschland GmbH			
	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			

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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**  
R97 *current version: Procedures and the Mobile Application Part (MAP)* 6.2.0WG (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 [get it](#) *remarks - general:*  
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release: #25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0*  
NP-11 04/04/2001 6 . 2 . 0 [get it](#)

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**TS 09.11 Signalling Interworking for Supplementary Services**

R97 *current version: 6.0.0* WG (prime / other): N4 / - rapporteur: HAMEL, Eric France Telecom  
*freeze\_meeting:* G: yes U: MCC: KYMALAINEN, Kimmo  
*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 09.13 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**

R97 *current version: 6.0.0* WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil BT Group Plc  
*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 09.16 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* WG (prime / other): N1 / - rapporteur: MILLS, Duncan VODAFONE Group Plc  
*freeze\_meeting:* G: yes U: MCC: JORGENSEN, Per Johan  
*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: #25: 6.0.0 #28: 6.1.0*

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<b>TS 09.18</b>	<b>General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification</b>				
R97	current version: 6.6.0	WG (prime / other): N1 / -	rapporteur: MILLS, Duncan	VODAFONE Group Plc	
	freeze_meeting:	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-25 20/02/1998	6 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-26 26/06/1998	6 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	smg-27 16/10/1998	6 . 2 . 0	<a href="#">get it</a>		
	smg-28 12/02/1999	6 . 3 . 0	<a href="#">get it</a>		
	smg-29 25/06/1999	6 . 4 . 0	<a href="#">get it</a>		
	NP-05 08/10/1999	6 . 5 . 0	<a href="#">get it</a>		
	NP-07 15/03/2000	6 . 6 . 0	<a href="#">get it</a>		

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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>				
R97	current version: 6.11.0	WG (prime / other): N4 / -	rapporteur: YOUNG, Michael	MOTOROLA Ltd	
	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-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	6 . 10 . 1	<a href="#">get it</a>		
	NP-13 03/10/2001	6 . 11 . 0	<a href="#">get it</a>		

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<b>TS 09.61</b>	<b>General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)</b>								
R97	current version: 6.5.0	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	<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	26/06/1998	6	.	2	.	0	<a href="#">get it</a>		
withdrawn due to									
WORD com									
smg-27	16/10/1998	6	.	3	.	0	<a href="#">get it</a>		
smg-30	11/11/1999	6	.	4	.	0	<a href="#">get it</a>		
NP-13	12/10/2001	6	.	5	.	0	<a href="#">get it</a>		

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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:	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 09.95</b>	<b>Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles</b>								
R97	current version: 6.0.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: GP-04	G: yes	U:	MCC:	Peter Skov				
history (event, available, version,					USAI, Paolino				
GP-04	20/04/2001	6	.	0	.	0	<a href="#">get it</a>	remarks - general:	
								remarks - this release: GERAN#4:6.0.0	

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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: SANDERS, 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-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 12.05</b>	<b>Subscriber Related Call and Event Data</b>				
R97	current version: 6.1.0	WG (prime / other): S5 / S1	rapporteur: SJÖBLOM, Kai	NOKIA Corporation	
	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: ZOICAS, Adrian	ETSI Secretariat	
	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>			
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<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: HEATON, Graham	Aether Systems Inc.	
	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		

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R96

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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 01.00</b>	<b>Working Procedures for SMG</b>					
R96	current version: 5.2.0	WG (prime / other):	SP / -	rapporteur:	BERGMANN, Ansgar	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	POPE, Maurice	
	history (event, available, version,					
	smg-17 02/02/1996			<a href="#">get it</a>	remarks - general:	
	smg-19 28/06/1996			<a href="#">get it</a>	remarks - this release:	
	smg-25 20/03/1998			<a href="#">get it</a>		
<b>TS 01.02</b>	<b>General Description of a GSM Public Land Mobile Network (PLMN)</b>					
R96	current version: 5.0.0	WG (prime / other):	S1 / GP /	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting:		NP			
	history (event, available, version,	G: yes	U:	MCC:	CLAYTON, Michael	
	smg-17 02/02/1996			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	
<b>TR 01.04</b>	<b>Abbreviations and Acronyms</b>					
R96	current version: 5.0.2	WG (prime / other):	GP / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	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:	
	ETSI publication 30/10/2001			<a href="#">get it</a>		
<b>TS 01.48</b>	<b>ISDN-based DECT/GSM interworking; Feasibility study</b>					
R96	current version: 5.0.1	WG (prime / other):	S1 / -	rapporteur:	GRAETZ, Ingeborg	SIEMENS AG
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-19 28/06/1996			<a href="#">get it</a>	remarks - general:	
	smg-20 11/11/1996			<a href="#">get it</a>	remarks - this release:	

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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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## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R96 *current version: 5.3.2* WG (prime / other): S1 / - rapporteur: CONRAD, Alan Deutsche Telekom MobilNet GmbH  
*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* 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-17	02/02/1996	5	.	1	.	0	<a href="#">get it</a>	remarks - this release:
smg-18	14/04/1996	5	.	2	.	0	<a href="#">get it</a>	
smg-19	28/06/1996	5	.	3	.	0	<a href="#">get it</a>	
smg-20	11/10/1996	5	.	4	.	0	<a href="#">get it</a>	
ETSI publication	02/05/1997	5	.	4	.	1	<a href="#">get it</a>	
smg-21	14/02/1997	5	.	5	.	0	<a href="#">get it</a>	
ETSI publication	28/08/1997	5	.	5	.	1	<a href="#">get it</a>	
smg-22	13/06/1997	5	.	6	.	0	<a href="#">get it</a>	
ETSI OAP	19/09/1997	5	.	6	.	1	<a href="#">get it</a>	
ETSI publication	27/02/1998	5	.	6	.	2	<a href="#">get it</a>	
smg-23	17/10/1997	5	.	7	.	0	<a href="#">get it</a>	
smg-25	20/03/1998	5	.	7	.	1	<a href="#">get it</a>	
ETSI publication	01/02/1998	5	.	7	.	2	<a href="#">get it</a>	
smg-29	25/06/1999	5	.	7	.	3	<a href="#">get it</a>	
ETSI publication	29/12/1999	5	.	7	.	4	<a href="#">get it</a>	

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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

[get it](#) remarks - general:

ETSI publication 02/05/1997 5 . 0 . 1

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

smg-21 14/02/1997 5 . 1 . 0

[get it](#)

ETSI publication 26/08/1997 5 . 1 . 1

[get it](#)

smg-28 12/02/1999 5 . 2 . 0

[get it](#)

ETSI publication 04/08/1999 5 . 2 . 1

[get it](#)

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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

[get it](#) remarks - general:

smg-18 12/04/1996 5 . 1 . 0

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

smg-20 11/10/1996 5 . 2 . 0

[get it](#)

ETSI publication 02/05/1997 5 . 2 . 1

[get it](#)

smg-22 13/06/1997 5 . 3 . 0

[get it](#)

ETSI OAP 21/07/1997 5 . 3 . 1

[get it](#)

ETSI publication 31/12/1997 5 . 3 . 2

[get it](#)

smg-24 19/12/1997 5 . 4 . 0

[get it](#)

ETSI publication 17/06/1998 5 . 4 . 1

[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 AB

G: yes U: NP MCC: POPE, Maurice

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

[get it](#) remarks - general:

ETSI publication 02/05/1997 5 . 0 . 1

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

smg-22 13/06/1997 5 . 1 . 0

[get it](#)

edito 08/12/1997 5 . 1 . 1

[get it](#)

smg-31 16/02/2000 5 . 2 . 0

[get it](#)

ETSI publication 29/08/2000 5 . 2 . 1

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<b>TS 02.11</b>	<b>Service Accessibility</b>								
R96	current version: 5.0.1			WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom			
	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:	
	ETSI publication 02/05/1997	5	.	0	.	1	<a href="#">get it</a>	remarks - this release:	
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<b>TS 02.16</b>	<b>International Mobile Station Equipment Identities (IMEI)</b>								
R96	current version: 5.2.0			WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom			
	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-30 11/11/1999	5	.	1	.	0	<a href="#">get it</a>	remarks - this release:	
	SP-08 23/06/2000	5	.	2	.	0	<a href="#">get it</a>		
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<b>TS 02.17</b>	<b>Subscriber Identity Modules, Functional Characteristics</b>								
R96	current version: 5.1.1			WG (prime / other): T3 / S1	rapporteur: HOOKER, Philip	ORANGE PCS LTD			
	freeze_meeting:			G: yes U:	MCC: SANDERS, Michael				
	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-27 16/10/1998	5	.	1	.	0	<a href="#">get it</a>		
	ETSI publication 08/04/1999	5	.	1	.	1	<a href="#">get it</a>		
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<b>TS 02.22</b>	<b>Stage 1 for personalisation of GSM ME</b>								
R96	current version: 5.4.0			WG (prime / other): S1 /	rapporteur: DURAND, Romain	ALCATEL S.A.			
	freeze_meeting:			G: yes U:	MCC: CLAYTON, Michael				
	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:	
	smg-20 11/10/1996	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	.	3	.	1	<a href="#">get it</a>		
	smg-26 26/06/1998	5	.	4	.	0	<a href="#">get it</a>		

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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:*  
*history (event, available, version,*  
smg-16 20/10/1995 5 . 0 . 0  
smg-17 02/02/1996 5 . 1 . 0  
smg-18 12/04/1996 5 . 2 . 0  
smg-19 28/06/1996 5 . 3 . 0  
smg-20 11/10/1996 5 . 3 . 1  
ETSI publication 02/05/1997 5 . 3 . 2  
smg-21 14/02/1997 5 . 4 . 0  
ETSI publication 26/08/1997 5 . 4 . 1  
smg-22 13/06/1997 5 . 5 . 0  
ETSI OAP 19/09/1997 5 . 5 . 1  
ETSI publication 27/02/1998 5 . 5 . 2  
smg-23 17/10/1997 5 . 6 . 0  
edito 06/01/1998 5 . 6 . 1  
smg-24 19/12/1997 5 . 6 . 2  
smg-28 12/02/1999 5 . 7 . 0  
ETSI publication 04/08/1999 5 . 7 . 1

*WG (prime / other):* S1 / *rapporteur:* JEAL, David VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
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<b>TS 02.34</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>					
R96	current version: 5.2.1	WG (prime / other):	S1 /	rapporteur:	MUHONEN, Ahti	NOKIA Corporation
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	draft 31/10/1995			<a href="#">get it</a>	remarks - general:	
	draft 13/02/1996			<a href="#">get it</a>	remarks - this release:	
	draft 19/06/1996			<a href="#">get it</a>		
	draft 13/02/1996			<a href="#">get it</a>		
	smg-20 09/10/1996			<a href="#">get it</a>		
	ETSI publication 28/11/1996			<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>		
	ETSI publication 04/08/1997			<a href="#">get it</a>		
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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			<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			<a href="#">get it</a>	remarks - general:	
	smg-21 14/02/1997			<a href="#">get it</a>	remarks - this release:	
	smg-24 19/12/1997			<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			<a href="#">get it</a>	remarks - general:	
	edito 08/10/1996			<a href="#">get it</a>	remarks - this release:	
	smg-24 19/12/1997			<a href="#">get it</a>		

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## TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

R96 *current version:* 5.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-19 28/06/1996 5 . 0 . 0

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

Deutsche Telekom MobilNet GmbH

[get it](#) *remarks - general:*  
*remarks - this release:* #19: 5.0.0

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## TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R96 *current version:* 5.1.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-16 20/10/1995 5 . 0 . 0  
smg-19 28/06/1996 5 . 0 . 1  
smg-20 11/10/1996 5 . 0 . 2  
ETSI publication 03/06/1997 5 . 0 . 3  
smg-22 13/06/1997 5 . 0 . 4  
edito 05/12/1997 5 . 0 . 5  
smg-29 25/06/1999 5 . 1 . 0  
ETSI publication 29/12/1999 5 . 1 . 1

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

Union Internationale des Chemins de Fer

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

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## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R96 *current version:* 5.2.1  
*freeze\_meeting:*  
*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  
smg-21 14/02/1997 5 . 1 . 2  
smg-22 13/06/1997 5 . 1 . 3  
smg-26 26/06/1998 5 . 2 . 0  
publish ETS 300 01/12/1998 5 . 2 . 1  
925

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

Union Internationale des Chemins de Fer

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
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<b>TS 02.69</b>	<b>Voice Broadcast Service (VBS); Stage 1</b>								
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	<a href="#">get it</a>	remarks - general:	
	smg-17 02/02/1996	5	.	1	.	0	<a href="#">get it</a>	remarks - this release: #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0	
	smg-20 11/10/1996	5	.	1	.	1	<a href="#">get it</a>		
	smg-21 14/02/1997	5	.	1	.	2	<a href="#">get it</a>		
	smg-22 13/06/1997	5	.	1	.	3	<a href="#">get it</a>		
	smg-26 26/06/1998	5	.	2	.	0	<a href="#">get it</a>		
	ETSI publication 01/12/1998	5	.	2	.	1	<a href="#">get it</a>		
<hr/>									
<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:	
	smg-20 11/10/1996	5	.	1	.	0	<a href="#">get it</a>	remarks - this release: #19: 5.0.0 #20: 5.1.0 #21: 5.1.1 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0 #28: 5.6.0	
	smg-21 14/02/1997	5	.	1	.	1	<a href="#">get it</a>		
	smg-22 13/06/1997	5	.	2	.	0	<a href="#">get it</a>		
	smg-23 17/10/1997	5	.	3	.	0	<a href="#">get it</a>		
	smg-24 19/12/1997	5	.	4	.	0	<a href="#">get it</a>		
	smg-26 26/06/1998	5	.	5	.	0	<a href="#">get it</a>		
	smg-28 12/02/1999	5	.	6	.	0	<a href="#">get it</a>		
<hr/>									
<b>TS 02.79</b>	<b>Support of Optimal Routeing (SOR); Service definition (Stage 1)</b>								
R96	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	
	smg-28 12/02/1999	5	.	2	.	0	<a href="#">get it</a>		

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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	
	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	
<hr/>						
<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	
<hr/>						
<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			<a href="#">get it</a>	remarks - general:	
					remarks - this release: #20: 5.0.0	
<hr/>						
<b>TS 02.84</b>	<b>MultiParty (MPTY) Supplementary Services; Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0			<a href="#">get it</a>	remarks - general:	
					remarks - this release: #20: 5.0.0	
<hr/>						
<b>TS 02.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB
	freeze_meeting:	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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## 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

<b>TS 03.01</b>	<b>Network Functions</b>								
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					
<b>TS 03.02</b>	<b>Network Architecture</b>								
R96	current version: 5.3.0		WG (prime / other): S2 / NP /	rapporteur: SULTAN, Alain	ETSI Secretariat				
	freeze_meeting:		T2	MCC: SULTAN, Alain					
	history (event, available, version,		G: yes U:						
	smg-17 02/02/1996	5 . 0 . 0	<a href="#">get it</a>	remarks - general:					
	smg-18 12/04/1996	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0 #24: 5.3.0					
	smg-23 17/10/1997	5 . 2 . 0	<a href="#">get it</a>						
	smg-24 19/12/1997	5 . 3 . 0	<a href="#">get it</a>						
<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>								
R96	current version: 5.4.1		WG (prime / other): N4 / T2	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB				
	freeze_meeting:		G: yes U:	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	smg-17	5 . 0 . 0		remarks - general:					
	ETSI OAP 25/11/1996	5 . 0 . 1	<a href="#">get it</a>	remarks - this release: #17: 5.0.0 #25: 5.1.0 #29: 5.2.0 TSG#7: 5.3.0 TSG#8:5.4.0					
	ETSI publication 02/05/1997	5 . 0 . 2	<a href="#">get it</a>						
	smg-25 20/03/1998	5 . 1 . 0	<a href="#">get it</a>						
	ETSI publication 23/10/1998	5 . 1 . 1	<a href="#">get it</a>						
	smg-29 26/05/1999	5 . 2 . 0	<a href="#">get it</a>						
	ETSI publication 22/11/1999	5 . 2 . 1	<a href="#">get it</a>						
	NP-07 15/03/2000	5 . 3 . 0	<a href="#">get it</a>						
	ETSI publication 15/11/2000	5 . 3 . 1	<a href="#">get it</a>						
	NP-08 21/06/2000	5 . 4 . 0	<a href="#">get it</a>						
	ETSI publication 04/01/2001	5 . 4 . 1	<a href="#">get it</a>						

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<b>TR 03.05</b>	<b>Technical performance objectives</b>								
R96	current version: 5.0.0			WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:			G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,								
	smg-20 11/10/1996	5	.	0	.	0			
				<a href="#">get it</a>	remarks - general:				
					remarks - this release: #20: 5.0.0				
<hr/>									
<b>TS 03.07</b>	<b>Restoration Procedures</b>								
R96	current version: 5.1.0			WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE Group Plc			
	freeze_meeting:			G: yes U:	Chalmers				
	history (event, available, version,				MCC: KYMALAINEN, Kimmo				
	smg-20 11/10/1996	5	.	0	.	0			
	smg-23 17/10/1997	5	.	1	.	0			
				<a href="#">get it</a>	remarks - general:				
				<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #23: 5.1.0				
<hr/>									
<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				
	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			
				<a href="#">get it</a>	remarks - general:				
				<a href="#">get it</a>	remarks - this release:				
				<a href="#">get it</a>					
<hr/>									
<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:	Rouzbeh				
	history (event, available, version,				MCC: JORGENSEN, Per Johan				
	smg-18 12/04/1996	5	.	0	.	0			
	smg-22 13/06/1997	5	.	1	.	0			
				<a href="#">get it</a>	remarks - general:				
				<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	
	history (event, available, version,					
	smg-16 20/10/1995			<a href="#">get it</a>	remarks - general:	
	smg-21 14/02/1997			<a href="#">get it</a>	remarks - this release:	
	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>		

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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	Deutsche Telekom MobilNet GmbH
	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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<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,					
	smg-20 11/10/1996			<a href="#">get it</a>	remarks - general:	
					remarks - this release: #20: 5.0.0	

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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,					
	smg-17 02/02/1996			<a href="#">get it</a>	remarks - general:	
					remarks - this release: #17: 5.0.0	

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<b>TS 03.14</b>	<b>Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System</b>					
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,					
	smg-20 11/10/1996			<a href="#">get it</a>	remarks - general:	
					remarks - this release: #20: 5.0.0	

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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 Group Plc
	freeze_meeting:	G: yes	U:	MCC:	Chalmers	
	history (event, available, version,				KYMALAINEN, Kimmo	
	smg-16 20/10/1995					
	smg-21 14/02/1997					
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:	#16: 5.0.0 #21: 5.1.0	
<hr/>						
<b>TS 03.16</b>	<b>Subscriber Data Management</b>					
R96	current version: 5.3.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-18 12/04/1996					
	smg-21 14/02/1997					
	smg-23 17/10/1997					
	smg-26 26/06/1998					
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:	#18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0	
		<a href="#">get it</a>				
		<a href="#">get it</a>				
<hr/>						
<b>TS 03.18</b>	<b>Basic Call Handling</b>					
R96	current version: 5.6.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE Group Plc
	freeze_meeting:	G: yes	U:	MCC:	Chalmers	
	history (event, available, version,				KYMALAINEN, Kimmo	
	smg-21 14/02/1997					
	smg-22 13/06/1997					
	smg-23 17/10/1997					
	smg-24 19/12/1997					
	smg-25 20/03/1998					
	smg-26 26/06/1998					
	smg-27 16/10/1998					
		<a href="#">get it</a>		remarks - general:		
		<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 #27: 5.6.0	
		<a href="#">get it</a>				
		<a href="#">get it</a>				
		<a href="#">get it</a>				
		<a href="#">get it</a>				
<hr/>						
<b>TS 03.20</b>	<b>Security-related Network Functions</b>					
R96	current version: 5.2.1	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-20 11/10/1996					
	smg-21 14/02/1997					
	smg-23 17/10/1997					
	smg-29 25/06/1999					
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release:	SMG#29: CRs but postponed, then forgotten!	
		<a href="#">get it</a>				
		<a href="#">get it</a>				

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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:				Peter Skov				
	history (event, available, version,	G: yes	U:	MCC:	USAI, Paolino				
	smg-20 11/10/1996								
	ETSI publication 03/06/1997								remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and
	smg-21 14/02/1997								remarks - this release: group receive mode".
	ETSI publication 15/09/1997								
	smg-22 13/06/1997								
	ETSI publication 31/12/1997								
	smg-26 26/06/1998								
	ETSI publication 10/12/1998								
<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:				Peter Skov				
	history (event, available, version,	G: yes	U:	MCC:	USAI, Paolino				
	smg-20 11/10/1996								
	smg-22 13/06/1997								
	smg-23 17/10/1997								
<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								
<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								
	smg-26 26/06/1998								
	smg-27 16/10/1998								

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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: MUHONEN, Janne 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 VODAFONE Group Plc

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 VODAFONE Group Plc

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

#23: 5.7.0 #26: 5.8.0

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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 VODAFONE Group Plc  
*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 VODAFONE Group Plc  
*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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<b>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>								
R96	current version: 5.0.0 freeze_meeting:	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	ETSI Secretariat					
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	G: yes U:	MCC: RODERMUND, Friedhelm						
		<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 freeze_meeting:	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat					
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 ETSI publication 02/05/1997 5 . 0 . 1 smg-21 14/02/1997 5 . 1 . 0 ETSI publication 26/08/1997 5 . 1 . 1 smg-22 13/06/1997 5 . 2 . 0 ETSI publication 02/02/1998 5 . 2 . 1	G: yes U:	MCC: BOSWARTHICK, David						
		<a href="#">get it</a>	remarks - general: remarks - this release:						
<hr/>									
<b>TS 03.46</b>	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b>								
R96	current version: 5.0.0 freeze_meeting:	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat					
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	G: yes U:	MCC: BOSWARTHICK, David						
		<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 freeze_meeting:	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	ETSI Secretariat					
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	G: yes U:	MCC: RODERMUND, Friedhelm						
		<a href="#">get it</a>	remarks - general: remarks - this release: #20: 5.0.0						

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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	<i>current version:</i> 5.7.0		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm		ETSI Secretariat			
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>		<i>G: yes</i>	<i>U:</i>	<i>MCC:</i> RODERMUND, Friedhelm				
	smg-16 20/10/1995	5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-18 12/04/1996	5 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> #16: 5.0.0 #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			
	smg-19 28/06/1996	5 . 2 . 0			<a href="#">get it</a>				
	smg-20 11/10/1996	5 . 3 . 0			<a href="#">get it</a>				
	smg-21 14/02/1997	5 . 4 . 0			<a href="#">get it</a>				
	smg-22 13/06/1997	5 . 5 . 0			<a href="#">get it</a>				
	smg-23 17/10/1997	5 . 6 . 0			<a href="#">get it</a>				
	smg-24 19/12/1997	5 . 7 . 0			<a href="#">get it</a>				
<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	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		ETSI Secretariat			
	<i>freeze_meeting:</i>		<i>G: yes</i>	<i>U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-17 02/02/1996	5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-20 11/10/1996	5 . 0 . 1			<a href="#">get it</a>	<i>remarks - this release:</i> #17: 5.0.0 #20: 5.0.1 #24: 5.0.3 #25: 5.1.0 #27: 5.2.0 #28: 5.3.0 #32:5.4.0			
	smg-24 19/12/1997	5 . 0 . 3			<a href="#">get it</a>				
	smg-25 20/03/1998	5 . 1 . 0			<a href="#">get it</a>				
	smg-27 16/10/1998	5 . 2 . 0			<a href="#">get it</a>				
	smg-28 12/02/1999	5 . 3 . 0			<a href="#">get it</a>				
	smg-32 20/06/2000	5 . 4 . 0			<a href="#">get it</a>				
<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	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David		ETSI Secretariat			
	<i>freeze_meeting:</i>		<i>G: yes</i>	<i>U:</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-23 17/10/1997	5 . 1 . 0			<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-24 19/12/1997	5 . 2 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> #23: 5.1.0 #24: 5.2.0			

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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	Deutsche Telekom MobilNet GmbH				
	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		

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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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## 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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## TS 03.78 CAMEL Phase 2; Stage 2

R96 current version: 5.8.0

freeze\_meeting:

WG (prime / other): N2 / - rapporteur: LANTELME, Isabelle ALCATEL S.A.

G: yes U: MCC: JURISIC, Andrijana

history (event, available, version,

smg-21	14/02/1997	5	.	0	.	0
ETSI publication	23/04/1997	5	.	0	.	1
smg-22	13/06/1997	5	.	1	.	0
smg-23	17/10/1997	5	.	2	.	0
smg-24	19/12/1997	5	.	3	.	0
edito	19/01/1998	5	.	3	.	1
ETSI publication	30/01/1998	5	.	3	.	2
smg-25	20/03/1998	5	.	4	.	0
smg-26	26/06/1998	5	.	5	.	0
smg-27	16/10/1998	5	.	6	.	0
smg-28	12/02/1999	5	.	7	.	0
smg-29	25/06/1999	5	.	8	.	0

[get it](#) remarks - general:

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

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## TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R96 current version: 5.5.0

freeze\_meeting:

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE Group Plc

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-21	14/02/1997	5	.	0	.	0
ETSI publication	02/05/1997	5	.	0	.	1
smg-22	13/06/1997	5	.	1	.	0
smg-24	19/12/1997	5	.	2	.	0
smg-25	20/03/1998	5	.	3	.	0
smg-27	16/10/1998	5	.	4	.	0
NP-05	08/10/1999	5	.	5	.	0

[get it](#) remarks - general:

[get it](#) 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

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## TS 03.81 Line Identification Supplementary Services; Stage 2

R96 current version: 5.2.0

freeze\_meeting:

WG (prime / other): N4 / - rapporteur: VACANT,

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0
smg-24	19/12/1997	5	.	1	.	0
smg-26	26/06/1998	5	.	2	.	0

[get it](#) remarks - general:

[get it](#) remarks - this release: #20: 5.0.0 #24: 5.1.0 #26: 5.2.0

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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	MANNESMANN Mobilfunk GmbH
	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: #20: 5.0.0		
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<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	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:		
				remarks - this release: #20: 5.0.0		
<hr/>						
<b>TS 03.84</b>	<b>Multi Party (MPPTY) Supplementary Services; Stage 2</b>					
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH
	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: #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					
	ETSI Publication 28/11/2000					
	5 . 0 . 1					
		<a href="#">get it</a>		remarks - general:		
		<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 BT Group 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

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[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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<b>TS 04.01</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles</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-20	11/10/1996	5	. 0 . 0	<a href="#">get it</a>	remarks - general:				
					remarks - this release:	#20: 5.0.0			
<hr/>									
<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:				THOMASEN, Gert				
history (event, available, version,		G: yes	U:	MCC:					
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>					

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## TS 04.05 Data Link (DL) Layer General Aspects

R96 current version: 5.0.1  
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 . 1

[get it](#) 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  
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  
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: #20: 5.0.0 #21: 5.1.0 #25: 5.2.0 #29: 5.3.0 #31:5.4.0  
[get it](#)  
[get it](#)  
[get it](#)  
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[get it](#)  
[get it](#)  
[get it](#)

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## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R96 current version: 5.3.0  
freeze\_meeting:

WG (prime / other): N1 / - 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-20 11/10/1996 5 . 1 . 1  
ETSI publication 05/05/1997 5 . 1 . 2  
smg-21 14/02/1997 5 . 2 . 0  
ETSI publication 19/12/1997 5 . 2 . 1  
smg-24 19/12/1997 5 . 3 . 0

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

[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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## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
*G:* yes *U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* #20: 5.0.0

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## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R96 *current version:* 5.3.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT Communications Ware Corporation  
*freeze\_meeting:* JORGENSEN, Per Johan  
*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: 5.2.0 TSG#9:5.3.0  
smg-20 11/10/1996 5 . 1 . 1 [get it](#)  
smg-21 14/02/1997 5 . 2 . 0 [get it](#)  
ETSI publication 15/09/1997 5 . 2 . 1 [get it](#)  
NP-09 24/10/2000 5 . 3 . 0 [get it](#)

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## TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

R96 *current version:* 5.0.2 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
*G:* yes *U:* *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #19: 5.0.0 #20: 5.0.1  
ETSI Publication 28/11/2000 5 . 0 . 2 [get it](#)

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## TS 04.13 Performance Requirements on Mobile Radio Interface

R96 *current version:* 5.1.1 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* JORGENSEN, Per Johan  
*G:* yes *U:* *MCC:*  
*history (event, available, version,*  
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-20 11/10/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #18: 5.0.0 #20: 5.1.0  
ETSI Publication 28/11/2000 5 . 1 . 1 [get it](#)

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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				
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<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 Deutsche Telekom MobilNet GmbH  
*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:* #18: 5.0.0

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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>			
<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		
<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	MANNESMANN Mobilfunk GmbH		
	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		
<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		
<b>TS 04.84</b>	<b>Multi Party (MPTY) Supplementary Services; Stage 3</b>					
R96	current version: 5.0.1	WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen	Deutsche Telekom MobilNet GmbH		
	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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**TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3**

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

[get it](#) remarks - general:  
remarks - this release: #20: 5.0.0

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**TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3**

R96 current version: 5.0.1  
freeze\_meeting:  
history (event, available, version,  
smg-20 11/10/1996 5 . 0 . 0  
ETSI Publication 11/11/1996 5 . 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: #20: 5.0.0

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**TS 04.88 Call Barring (CB) Supplementary Services; Stage 3**

R96 current version: 5.1.1  
freeze\_meeting:  
history (event, available, version,  
smg-20 11/10/1996 5 . 0 . 0  
smg-24 19/12/1997 5 . 1 . 0  
ETSI Publication 19/01/1998 5 . 1 . 1

WG (prime / other): N4 / - rapporteur: HAMEL, Eric France Telecom  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #20: 5.0.0 #24: 5.1.0  
[get it](#)

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**TS 04.90 Unstructured Supplementary Service Data (USSD)**

R96 current version: 5.0.1  
freeze\_meeting:  
history (event, available, version,  
smg-20 11/10/1996 5 . 0 . 0  
ETSI Publication 11/11/1996 5 . 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: #20: 5.0.0

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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 / - rapporteur: DZUBAN, Stanislav SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #16: 5.0.0 #17: 5.1.0  
[get it](#)

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[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## 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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<b>TS 05.01</b>	<b>Physical Layer on the Radio Path (General Description)</b>				
R96	current version: 5.4.0	WG (prime / other): GP / -	rapporteur: JOKINEN, Harri	NOKIA MOBILE PHONES	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	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 . 1 . 0	<a href="#">get it</a>	remarks - this release: #18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #22: 5.3.0 #25: 5.4.0	
	smg-21 14/02/1997	5 . 2 . 0	<a href="#">get it</a>		
	smg-22 13/06/1997	5 . 3 . 0	<a href="#">get it</a>		
	smg-25 20/03/1998	5 . 4 . 0	<a href="#">get it</a>		

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<b>TS 05.02</b>	<b>Multiplexing and Multiple Access on the Radio Path</b>				
R96	current version: 5.10.0	WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist	NOKIA Corporation	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	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>		
	ETSI publication 13/05/1997	5 . 2 . 1	<a href="#">get it</a>		
	smg-21 14/02/1997	5 . 3 . 0	<a href="#">get it</a>		
	ETSI publication 26/08/1997	5 . 3 . 1	<a href="#">get it</a>		
	smg-22 13/06/1997	5 . 4 . 0	<a href="#">get it</a>		
	ETSI publication 31/12/1997	5 . 4 . 1	<a href="#">get it</a>		
	smg-23 17/10/1997	5 . 5 . 0	<a href="#">get it</a>		
	smg-25 20/03/1998	5 . 6 . 0	<a href="#">get it</a>		
	ETSI publication 23/10/1998	5 . 6 . 1	<a href="#">get it</a>		
	smg-26 26/06/1998	5 . 7 . 0	<a href="#">get it</a>		
	ETSI publication 10/12/1998	5 . 7 . 1	<a href="#">get it</a>		
	smg-28 12/02/1999	5 . 8 . 0	<a href="#">get it</a>		
	ETSI publication 04/08/1999	5 . 8 . 1	<a href="#">get it</a>		
	GP-01 09/10/2000	5 . 9 . 0	<a href="#">get it</a>		
	GP-06 01/10/2001	5 . 10 . 0	<a href="#">get it</a>		

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<b>TS 05.03</b>	<b>Channel coding</b>								
R96	<i>current version:</i> 5.6.0								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	smg-17 02/02/1996	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
	smg-18 12/04/1996	5	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> #17: 5.0.0 #18: 5.1.0 #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		<a href="#">get it</a>	
	smg-20 11/10/1996	5	.	2	.	1		<a href="#">get it</a>	
	ETSI publication 12/05/1997	5	.	2	.	2		<a href="#">get it</a>	
	smg-21 14/02/1997	5	.	3	.	0		<a href="#">get it</a>	
	ETSI publication 26/08/1997	5	.	3	.	1		<a href="#">get it</a>	
	smg-23 17/10/1997	5	.	4	.	0		<a href="#">get it</a>	
	smg-25 20/03/1998	5	.	5	.	0		<a href="#">get it</a>	
	ETSI publication 23/10/1998	5	.	5	.	1		<a href="#">get it</a>	
	GP-01 09/10/2000	5	.	6	.	0		<a href="#">get it</a>	

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<b>TS 05.04</b>	<b>Modulation</b>								
R96	<i>current version:</i> 5.1.1								
	<i>freeze_meeting:</i>								
	<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 13/05/1997	5	.	0	.	1		<a href="#">get it</a>	<i>remarks - this release:</i> #20: 5.0.0 #30: 5.1.0
	smg-30 11/11/1999	5	.	1	.	0		<a href="#">get it</a>	
	ETSI Publication 11/12/1999	5	.	1	.	1		<a href="#">get it</a>	

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## TS 05.05 Radio Transmission and Reception

R96 current version: 5.13.0

freeze\_meeting:

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

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

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

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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

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remarks - general:

[get it](#)

remarks - this release:

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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

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #18: 5.0.0 #20: 5.1.0 #23: 5.2.0 GERAN#1:5.3.0 GERAN#2:5.4.0

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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 Deutsche Telekom MobilNet GmbH  
*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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**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 *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 [get it](#) *remarks - general:*  
smg-23 17/10/1997 5 . 1 . 0 [get it](#) *remarks - this release:*  
ETSI Publication 17/11/1997 5 . 1 . 1 [get it](#)

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## TS 06.02 Half Rate Speech Processing Functions

R96 *current version:* 5.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release: #20: 5.0.0*

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## TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

R96 *current version:* 5.1.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.1.1*  
smg-23 17/10/1997 5 . 1 . 1 [get it](#)

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## TS 06.07 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec

R96 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.2.0*  
smg-23 17/10/1997 5 . 2 . 0 [get it](#)  
ETSI Publication 17/11/1997 5 . 2 . 1 [get it](#)

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<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	Deutsche Telekom MobilNet GmbH			
	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 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 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-32 20/06/2000 5 . 2 . 0	<a href="#">get it</a>					
	ETSI Publication 04/01/2001 5 . 2 . 1	<a href="#">get it</a>					
	SP-12 29/06/2001 5 . 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>						
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 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				
<hr/>							
<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 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				
	SP-12 29/06/2001 5 . 1 . 0	<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	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	
	ETSI Publication 13/07/1997	5	. 1 . 1	<a href="#">get it</a>		
<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	BT Group Plc
	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>		

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<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	BT Group Plc
	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		

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

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[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R96 current version: 5.3.0

freeze\_meeting:

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

smg-22 13/06/1997 5 . 1 . 0

ETSI publication 27/02/1998 5 . 1 . 1

smg-32 20/06/2000 5 . 2 . 0

SP-10 20/12/2000 5 . 3 . 0

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari

G: yes U:

MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release: #20: 5.0.0 #22: 5.1.0 #32:5.2.0 TSG#10:5.3.0

[get it](#)

[get it](#)

[get it](#)

## TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R96 current version: 5.0.0

freeze\_meeting:

history (event, available, version,

smg-19 28/06/1996 5 . 0 . 0

WG (prime / other): S4 / - rapporteur: SALEM, Tarek

G: yes U:

MCC: USAI, Paolino

Deutsche Telekom MobilNet GmbH

[get it](#) remarks - general:

remarks - this release: #19: 5.0.0

## TS 06.60 Enhanced full rate speech transcoding

R96 current version: 5.2.1

freeze\_meeting:

history (event, available, version,

smg-17 02/02/1996 5 . 0 . 0

smg-19 28/06/1996 5 . 1 . 0

smg-20 11/10/1996 5 . 1 . 1

smg-23 17/10/1997 5 . 1 . 3

smg-25 20/03/1998 5 . 2 . 0

ETSI Publication 20/04/1998 5 . 2 . 1

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari

G: yes U:

MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release: #17: 5.0.0 #19:5.1.0 #20: 5.1.1 #23: 5.1.3 #25: 5.2.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R96 current version: 5.1.2

freeze\_meeting:

history (event, available, version,

smg-17 02/02/1996 5 . 0 . 0

smg-19 28/06/1996 5 . 1 . 0

smg-20 11/10/1996 5 . 1 . 1

ETSI Publication 11/11/1996 5 . 1 . 2

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari

G: yes U:

MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1

[get it](#)

[get it](#)

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<b>TS 06.62</b>	<b>Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels</b>						
R96	current version: 5.1.3	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation	
	freeze_meeting:	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 06.81</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 Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

### TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R96	<i>current version:</i> 5.9.1		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIJK, Rune Werner	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David	
<i>history (event, available, version,</i>					
smg-16	20/10/1995	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
smg-17	02/02/1996	5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> #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	<a href="#">get it</a>		
smg-19	28/06/1996	5 . 2 . 0	<a href="#">get it</a>		
smg-20	11/10/1996	5 . 3 . 0	<a href="#">get it</a>		
smg-21	14/02/1997	5 . 4 . 0	<a href="#">get it</a>		
smg-22	13/06/1997	5 . 5 . 0	<a href="#">get it</a>		
smg-23	17/10/1997	5 . 6 . 0	<a href="#">get it</a>		
smg-24	19/12/1997	5 . 7 . 0	<a href="#">get it</a>		
smg-25	20/03/1998	5 . 8 . 0	<a href="#">get it</a>		
smg-28	12/02/1999	5 . 9 . 0	<a href="#">get it</a>		
ETSI Publication	12/03/1999	5 . 9 . 1	<a href="#">get it</a>		

### TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R96	<i>current version:</i> 5.5.1		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIJK, Rune Werner	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David	
<i>history (event, available, version,</i>					
smg-16	20/10/1995	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
smg-18	12/04/1996	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0	
smg-20	11/10/1996	5 . 1 . 1	<a href="#">get it</a>		
smg-21	14/02/1997	5 . 2 . 0	<a href="#">get it</a>		
smg-22	13/06/1997	5 . 3 . 0	<a href="#">get it</a>		
smg-23	17/10/1997	5 . 4 . 0	<a href="#">get it</a>		
smg-24	19/12/1997	5 . 5 . 0	<a href="#">get it</a>		
ETSI Publication	19/01/1998	5 . 5 . 1	<a href="#">get it</a>		

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



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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 VODAFONE Group Plc  
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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G = required in systems with GERAN acces; U = required in systems with UMTS

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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

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[get it](#)

[get it](#)

[get it](#)

remarks - general:

remarks - this release: #20: 5.0.0 #21: 5.1.0 #24: 5.2.0

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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: BOSWARTHICK, David

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

## 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>					
R96	current version: 5.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		<a href="#">get it</a>	remarks - general: remarks - this release: #20: 5.0.0			
<b>TS 08.02</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles</b>					
R96	current version: 5.1.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 smg-21 14/02/1997 5 . 1 . 0	G: yes U:	MCC: THOMASEN, Gert			
		<a href="#">get it</a>	remarks - general: remarks - this release: #20: 5.0.0 #21: 5.1.0			
<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 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		<a href="#">get it</a>	remarks - general: remarks - this release: #20: 5.0.0			
<b>TS 08.06</b>	<b>Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface</b>					
R96	current version: 5.3.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-17 02/02/1996 5 . 0 . 0 smg-18 12/04/1996 5 . 1 . 0 smg-25 20/03/1998 5 . 2 . 0 smg-28 12/02/1999 5 . 3 . 0	G: yes U:	MCC: THOMASEN, Gert			
		<a href="#">get it</a>	remarks - general: remarks - this release: #17: 5.0.0 #18: 5.1.0 #25: 5.2.0 #28: 5.3.0			

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

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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		
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert		
	smg-16 20/10/1995	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-17 02/02/1996	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .	
		5 . 2 . 0			
		5 . 3 . 0			
	smg-20 11/10/1996	5 . 4 . 0	<a href="#">get it</a>		
	smg-21 14/02/1997	5 . 5 . 0	<a href="#">get it</a>		
	smg-22 13/06/1997	5 . 6 . 0	<a href="#">get it</a>		
		5 . 7 . 0			
		5 . 8 . 0			
	smg-25	5 . 9 . 0			
	29/06/1998	5 . 10 . 0	<a href="#">get it</a>		
	smg-29 25/06/1999	5 . 11 . 0	<a href="#">get it</a>		
	smg-31 bis 17/04/2000	5 . 12 . 0	<a href="#">get it</a>		

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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	current version: 5.4.0	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:	
	smg-22 13/06/1997	5 . 2 . 0	<a href="#">get it</a>		
	smg-24 19/12/1997	5 . 3 . 0	<a href="#">get it</a>		
	NP-11 04/04/2001	5 . 4 . 0	<a href="#">get it</a>		

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<b>TS 08.51</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>				
R96	current version: 5.0.0	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-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>TS 08.52</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles</b>				
R96	current version: 5.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		
		<a href="#">get it</a>	remarks - general: remarks - this release: #20: 5.0.0		
<hr/>					
<b>TS 08.54</b>	<b>BSC-BTS : Layer 1 Structure of Physical Circuits</b>				
R96	current version: 5.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-16 20/10/1995 5 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		
		<a href="#">get it</a>	remarks - general: remarks - this release: #16: 5.0.0		
<hr/>					
<b>TS 08.56</b>	<b>BSC-BTS Layer 2 Specification</b>				
R96	current version: 5.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		
		<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>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	
history (event, available, version,						
smg-16	20/10/1995	5	. 0	. 0	<a href="#">get it</a>	remarks - general:
smg-17	02/02/1996	5	. 1	. 0	<a href="#">get it</a>	remarks - this release: #16: 5.0.0 #17: 5.1.0 #19: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0
						#25: 5.7.0 #26: 5.8.0 #29: 5.9.0 #30: 5.10.0
smg-19	28/06/1996	5	. 2	. 0	<a href="#">get it</a>	
smg-21	14/02/1997	5	. 3	. 0	<a href="#">get it</a>	
smg-22	13/06/1997	5	. 4	. 0	<a href="#">get it</a>	
smg-23	17/10/1997	5	. 5	. 0	<a href="#">get it</a>	
smg-24	19/12/1997	5	. 6	. 0	<a href="#">get it</a>	
smg-25	20/03/1998	5	. 7	. 0	<a href="#">get it</a>	
smg-26	26/06/1998	5	. 8	. 0	<a href="#">get it</a>	
smg-29	25/06/1999	5	. 9	. 0	<a href="#">get it</a>	
smg-30	11/11/1999	5	. 10	. 0	<a href="#">get it</a>	

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<b>TS 08.60</b>	<b>Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR</b>					
R96	current version: 5.1.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
smg-17	02/02/1996	5	. 0	. 0	<a href="#">get it</a>	remarks - general:
smg-19	28/06/1996	5	. 0	. 1	<a href="#">get it</a>	remarks - this release:
smg-20	11/10/1996	5	. 0	. 2	<a href="#">get it</a>	
smg-22	13/06/1997	5	. 1	. 0	<a href="#">get it</a>	
ETSI Publication	13/07/1997	5	. 1	. 1	<a href="#">get it</a>	

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<b>TS 08.61</b>	<b>Inband Control of Remote Transcoder and Rate Adaptors; (Half Rate)</b>					
R96	current version: 5.0.1	WG (prime / other):	G2 / NP	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:
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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**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

*freeze\_meeting:*

*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0

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

[get it](#) *remarks - general:*  
*remarks - this release:* #20: 5.0.0

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[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.02 Mobile Application Part (MAP) Specification

R96 current version: 5.16.0

freeze\_meeting:

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE Group Plc  
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

[get it](#) remarks - general: CN->N4 Apr00 (JMM)  
[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

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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>	<i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed". <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>	<i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed". <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>	<i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed". <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>	<i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
<i>history (event, available, version,</i> smg-19 28/06/1996 5 . 0 . 0 smg-20 11/10/1996 5 . 0 . 1 ETSI Publication 11/11/1996 5 . 0 . 2	<a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed". <a href="#">get it</a> <i>remarks - this release:</i> #19: 5.0.0 #20: 5.0.1 <a href="#">get it</a>

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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	<i>current version:</i> Network (PSTN)	5.10.1	WG (prime / other):	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i>		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-16	20/10/1995	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
	smg-17	02/02/1996	5	.	0	.	1	<a href="#">get it</a>	<i>remarks - this release:</i> #16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #22: 5.4.0
									#23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #27: 5.8.0 #28: 5.9.0 N#6: 5.10.0
	smg-18	12/04/1996	5	.	1	.	0	<a href="#">get it</a>	
	smg-19	28/06/1996	5	.	2	.	0	<a href="#">get it</a>	
	smg-20	11/10/1996	5	.	2	.	1	<a href="#">get it</a>	
	smg-21	14/02/1997	5	.	3	.	0	<a href="#">get it</a>	
	smg-22	13/06/1997	5	.	4	.	0	<a href="#">get it</a>	
	smg-23	17/10/1997	5	.	5	.	0	<a href="#">get it</a>	
	smg-24	19/12/1997	5	.	6	.	0	<a href="#">get it</a>	
	smg-25	20/03/1998	5	.	7	.	0	<a href="#">get it</a>	
	smg-27	16/10/1998	5	.	8	.	0	<a href="#">get it</a>	
	smg-28	12/02/1999	5	.	9	.	0	<a href="#">get it</a>	
	NP-06	15/12/1999	5	.	10	.	0	<a href="#">get it</a>	
	ETSI Publication	05/07/2000	5	.	10	.	1	<a href="#">get it</a>	

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<b>TS 09.08</b>	<b>Application of the Base Station System Application Part (BSSAP) on the E-Interface</b>								
R96	<i>current version:</i> 5.1.0		WG (prime / other):	N1	/-	<i>rapporteur:</i>	JUKIC, Zdravko ERICSSON Eurolab Deutschland GmbH		
	<i>freeze_meeting:</i>		G: yes	U:		MCC:	JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>								
	smg-20	11/10/1996	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
	smg-21	14/02/1997	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> #20: 5.0.0 #21: 5.1.0

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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	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	5.2.0	WG (prime / other):	N4	/	-	<i>rapporteur:</i>	VACANT,	
	<i>freeze_meeting:</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	smg-17	02/02/1996	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
	smg-18	12/04/1996	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> #17: 5.0.0 #18: 5.1.0 #23: 5.2.0
	smg-23	17/10/1997	5	.	2	.	0	<a href="#">get it</a>	

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## TS 09.11 Signalling Interworking for Supplementary Services

R96 current version: 5.1.0

freeze\_meeting:

history (event, available, version,

smg-18 12/04/1996 5 . 0 . 0

smg-19 28/06/1996 5 . 1 . 0

WG (prime / other): N4 / -

G: yes U:

rapporteur: HAMEL, Eric

MCC: KYMALAINEN, Kimmo

France Telecom

[get it](#) remarks - general:

[get it](#) remarks - this release: #18: 5.0.0 #19: 5.1.0

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## TS 09.78 CAMEL Application Part phase 2 (stage 3)

R96 current version: 5.7.0

freeze\_meeting:

history (event, available, version,

smg-21 14/02/2000 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-28 12/02/1999 5 . 6 . 0

smg-29 25/06/1999 5 . 7 . 0

WG (prime / other): N2 / -

G: yes U:

rapporteur: NOLDUS, Rogier

MCC: JURISIC, Andrijana

Telefon AB LM Ericsson

[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 #28: 5.6.0 #29: 5.7.0

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## TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

R96 current version: 5.1.0

freeze\_meeting:

history (event, available, version,

<to be defined> 02/02/1996 5 . 0 . 0

smg-22 02/01/2001 5 . 1 . 0

WG (prime / other): N1 / -

G: yes U:

rapporteur: HOWELL, Andrew

MCC: JORGENSEN, Per Johan

MOTOROLA Ltd

[get it](#) remarks - general:

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

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## 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](#)



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## TS 11.10-4 Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification

R96 *current version:* 5.4.0 *WG (prime / other):* G5 / G4 *rapporteur:* SALMERON, Lidia ETSI Secretariat  
*freeze\_meeting:* G: yes U: MCC: CLAYTON, Michael

*history (event, available, version,*

smg-30	11/11/1999	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i> 2001-11-19: G4->G5.
smg-31	16/02/2000	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> GP-06: Rel-4 serves all releases.
editorial	15/09/2000	5	.	1	.	1	<a href="#">get it</a>	
GP-02		5	.	2	.	0		
GP-02	30/11/2000	5	.	2	.	0	<a href="#">get it</a>	
GP-04	29/03/2001	5	.	3	.	0	<a href="#">get it</a>	
GP-04	11/04/2001	5	.	3	.	0	<a href="#">get it</a>	
GP-06	31/08/2001	5	.	4	.	0	<a href="#">get it</a>	

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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: SANDERS, Michael

*history (event, available, version,*

smg-16	20/10/1995	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-17	02/02/1996	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-18	12/04/1996	5	.	2	.	0	<a href="#">get it</a>	
smg-19	28/06/1996	5	.	3	.	0	<a href="#">get it</a>	
smg-20	11/10/1996	5	.	4	.	0	<a href="#">get it</a>	
smg-21	14/02/1997	5	.	5	.	0	<a href="#">get it</a>	
smg-22	13/06/1997	5	.	6	.	0	<a href="#">get it</a>	
smg-23	17/10/1997	5	.	7	.	0	<a href="#">get it</a>	
smg-24	19/12/1997	5	.	8	.	0	<a href="#">get it</a>	
smg-25	20/03/1998	5	.	9	.	0	<a href="#">get it</a>	
smg-26	26/06/1998	5	.	10	.	0	<a href="#">get it</a>	
Editorial correction	26/06/1998	5	.	10	.	1	<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>				
R96	current version: 5.9.0	WG (prime / other):	T3 / -	rapporteur:	WOODSEND, Kristian
	freeze_meeting: smg-27	G: yes U:		MCC:	SANDERS, Michael
	ASPECTS Software Ltd				
	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: 5.4.1	WG (prime / other):	G3 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes U:		MCC:	RODERMUND, Friedhelm
	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>		

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<b>TS 11.26</b>	<b>GSM Repeater Equipment Specification</b>				
R96	current version: 5.2.1	WG (prime / other):	G3 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes U:		MCC:	RODERMUND, Friedhelm
	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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**TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration**

R96 *current version:* 5.0.1 *WG (prime / other):* S5 / S1 *rapporteur:* ZOICAS, Adrian ETSI Secretariat  
*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:* SJÖBLOM, Kai 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:*  
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:* SJÖBLOM, Kai 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:* YUHAN, Albert VoiceStream Wireless Corporation  
*freeze\_meeting:* *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*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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Ph2

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**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	WG (prime / other):	S1 / GP / NP	<i>rapporteur:</i>	JORGENSEN, Niels H.	TDC TELE DANMARK A/S	
	<i>freeze_meeting:</i>	G: yes	U:	MCC:	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4 . 0 . 1		<a href="#">get it</a>	<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	WG (prime / other):	GP / -	<i>rapporteur:</i>	CLAYTON, Michael	ETSI Secretariat	
	<i>freeze_meeting:</i>	G: yes	U:	MCC:	USAI, Paolino		
	<i>history (event, available, version,</i>						
	smg-08 01/10/1993	4 . 0 . 1		<a href="#">get it</a>	<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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<b>TS 02.01</b>	<b>Principles of Telecommunication Services Supported by a GSM Public Land Mobile Network (PLMN)</b>				
Ph2	current version: 4.6.0	WG (prime / other): S1 / -	rapporteur: KOKKOLA, Tommi	NOKIA Corporation	
	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-08 01/10/1993	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-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	current version: 4.2.2	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-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:	
	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	current version: 4.3.1	WG (prime / other): S1 / -	rapporteur: CONRAD, Alan	Deutsche Telekom MobilNet GmbH	
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,				
	smg-07 25/06/1993	4 . 2 . 2	<a href="#">get it</a>	remarks - general:	
	smg-11 01/07/1994	4 . 3 . 0	<a href="#">get it</a>	remarks - this release:	
	ETSI publication 19/01/1996	4 . 3 . 1	<a href="#">get it</a>		

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## TS 02.04 General on Supplementary Services

Ph2 current version: 4.9.1

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	5	.	1
smg-08	01/10/1993	4	.	6	.	0
smg-10	15/04/1994	4	.	7	.	0
smg-12	07/10/1994	4	.	8	.	0
smg-15	07/07/1995	4	.	9	.	0
smg-16	20/10/1995	4	.	9	.	1

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](#)

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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

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

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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

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

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**TS 02.17 Subscriber Identity Modules, Functional Characteristics**

Ph2 *current version:* 4.3.3

*freeze\_meeting:*

*history (event, available, version,*

smg-07 25/06/1993 4 . 2 . 0

smg-08 01/10/1993 4 . 3 . 1

ETSI PE 01/11/1993 4 . 3 . 2

ETSI publication 13/09/1994 4 . 3 . 3

*WG (prime / other):* T3 / S1 *rapporteur:* HOOKER, Philip  
*G: yes U:* *MCC:* SANDERS, Michael

ORANGE PCS LTD

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

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**TS 02.24 Description of Charge Advice Information (CAI)**

Ph2 *current version:* 4.5.0

*freeze\_meeting:*

*history (event, available, version,*

smg-07 25/06/1993 4 . 1 . 1

smg-08 01/10/1993 4 . 2 . 0

smg-09 21/01/1994 4 . 2 . 1

smg-10 15/04/1994 4 . 3 . 0

smg-11 01/07/1994 4 . 4 . 0

smg-15 07/07/1995 4 . 5 . 0

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

NORTEL NETWORKS (EUROPE)

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

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**TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)**

Ph2 *current version:* 4.13.0

*freeze\_meeting:*

*history (event, available, version,*

smg-07 25/06/1993 4 . 9 . 1

smg-08 01/10/1993 4 . 10 . 0

smg-10 15/04/1994 4 . 11 . 0

smg-12 07/10/1995 4 . 12 . 0

smg-13 27/01/1995 4 . 13 . 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](#)  
[get it](#)  
[get it](#)

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**TS 02.40 Procedures for Call Progress Indications**

Ph2 *current version:* 4.5.0

*freeze\_meeting:*

*history (event, available, version,*

smg-07 25/06/1993 4 . 2 . 1

smg-09 21/01/1994 4 . 3 . 0

smg-10 15/04/1994 4 . 4 . 0

smg-14 07/04/1995 4 . 5 . 0

*WG (prime / other):* S1 / NP *rapporteur:* DWYER, Paul  
*G: yes U:* *MCC:* CLAYTON, Michael

NORTEL NETWORKS (EUROPE)

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

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<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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<b>TS 02.81</b>	<b>Line Identification Supplementary Services; Stage 1</b>								
Ph2	current version: 4.6.1	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB			
	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-10 15/04/1994	4	.	4	.	0		<a href="#">get it</a>	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
	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-16 20/10/1995	4	.	5	.	1		<a href="#">get it</a>	
	smg-24 19/12/1997	4	.	6	.	0		<a href="#">get it</a>	
	ETSI publication 17/06/1998	4	.	6	.	1		<a href="#">get it</a>	

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<b>TS 02.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>								
Ph2	current version: 4.5.2	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	.	4	.	2		<a href="#">get it</a>	remarks - general:
	smg-10 15/04/1994	4	.	5	.	0		<a href="#">get it</a>	remarks - this release: #7: 4.4.2 #10: 4.5.0 #16: 4.5.2
	smg-16 20/10/1995	4	.	5	.	2		<a href="#">get it</a>	

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<b>TS 02.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1</b>								
Ph2	current version: 4.6.7	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-07 25/06/1993	4	.	6	.	3		<a href="#">get it</a>	remarks - general:
	smg-10 15/04/1994	4	.	6	.	5		<a href="#">get it</a>	remarks - this release: #7: 4.6.3 #10: 4.6.5 #16: 4.6.7
	smg-16 20/10/1995	4	.	6	.	7		<a href="#">get it</a>	

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<b>TS 02.84</b>	<b>MultiParty (MPPTY) Supplementary Services; Stage 1</b>								
Ph2	current version: 4.4.7	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-07	25/06/1993	4	.	4	.	2	<a href="#">get it</a>	remarks - general:	
smg-11	01/07/1994	4	.	4	.	5	<a href="#">get it</a>	remarks - this release: #7: 4.4.2 #11: 4.4.5 #16: 4.4.7	
smg-16	20/10/1995	4	.	4	.	7	<a href="#">get it</a>		
<hr/>									
<b>TS 02.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 1</b>								
Ph2	current version: 4.2.6	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-07	25/06/1993	4	.	2	.	2	<a href="#">get it</a>	remarks - general:	
smg-16	20/10/1995	4	.	2	.	6	<a href="#">get it</a>	remarks - this release: #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	current version: 4.1.5	WG (prime / other):	S1 / -	rapporteur:	CRAWFORD, Ian	VODAFONE Group Plc			
	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-16	01/10/1993	4	.	1	.	5	<a href="#">get it</a>	remarks - this release: #7: 4.1.1 #16: 4.1.5	
<hr/>									
<b>TS 02.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 1</b>								
Ph2	current version: 4.4.3	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	Deutsche Telekom MobilNet GmbH			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
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 #16: 4.4.3	
smg-16	27/01/1995	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	current version: 4.1.1	WG (prime / other):	S1 / -	rapporteur:	SLOTTE, Sverre	NOKIA Corporation			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-08	01/10/1993	4	.	0	.	1	<a href="#">get it</a>	remarks - general:	
smg-21	14/02/1997	4	.	1	.	0	<a href="#">get it</a>	remarks - this release: #8: 4.0.1 #21: 4.1.0	
ETSI publication	15/09/1997	4	.	1	.	1	<a href="#">get it</a>		

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<b>TS 03.01</b>	<b>Network Functions</b>				
Ph2	<i>current version:</i> 4.0.4		WG ( <i>prime / other</i> ): S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB
	<i>freeze_meeting:</i>		G: yes U:	MCC: SULTAN, Alain	
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> SMG3->SA2 @ TSG#7	
	ETSI Publication 25/07/1993	4 . 0 . 4	<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.0.1	
<hr/>					
<b>TS 03.02</b>	<b>Network Architecture</b>				
Ph2	<i>current version:</i> 4.2.1		WG ( <i>prime / other</i> ): S2 / NP /	<i>rapporteur:</i> SULTAN, Alain	ETSI Secretariat
	<i>freeze_meeting:</i>		T2	MCC: SULTAN, Alain	
	<i>history (event, available, version,</i>		G: yes U:		
	smg-07 25/06/1993	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-17 02/02/1996	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.0.1 #17: 4.1.0 #18: 4.2.1	
	smg-18 12/04/1996	4 . 2 . 1	<a href="#">get it</a>		
<hr/>					
<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>				
Ph2	<i>current version:</i> 4.11.1		WG ( <i>prime / other</i> ): N4 / T2	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB
	<i>freeze_meeting:</i>		G: yes U:	MCC: KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993	4 . 5 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-08 01/10/1993	4 . 6 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #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>		

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<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 /					
				T2					
	history (event, available, version,	G: yes	U:		MCC:	KYMALAINEN, Kimmo			
	smg-07 25/06/1993 4 . 0 . 1								
	Publication 19/01/1996 4 . 0 . 4	<a href="#">get it</a>			remarks - general:				
		<a href="#">get it</a>			remarks - this release: #7: 4.0.1				
<hr/>									
<b>TR 03.05</b>	<b>Technical performance objectives</b>								
Ph2	current version: 4.1.0	WG (prime / other):	NP	/ -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat		
	freeze_meeting:	G: yes	U:		MCC:	BOSWARTHICK, David			
	history (event, available, version,								
	smg-07 25/06/1993 4 . 0 . 0	<a href="#">get it</a>			remarks - general:				
	smg-19 28/06/1996 4 . 1 . 0	<a href="#">get it</a>			remarks - this release: #7: 4.0.0 #19:4.1.0				
<hr/>									
<b>TS 03.07</b>	<b>Restoration Procedures</b>								
Ph2	current version: 4.3.1	WG (prime / other):	N4	/ -	rapporteur:	PARK, Ian David	VODAFONE Group Plc		
	freeze_meeting:				Chalmers				
	history (event, available, version,	G: yes	U:		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>							
<hr/>									
<b>TS 03.08</b>	<b>Organization of Subscriber Data</b>								
Ph2	current version: 4.8.0	WG (prime / other):	N4	/ -	rapporteur:	BAUER, Rolf	ALCATEL SEL AG		
	freeze_meeting:	G: yes	U:		MCC:	KYMALAINEN, Kimmo			
	history (event, available, version,								
	smg-07 25/06/1993 4 . 5 . 0	<a href="#">get it</a>			remarks - general:				
	smg-08 01/10/1993 4 . 5 . 1	<a href="#">get it</a>			remarks - this release:				
	smg-09 21/01/1994 4 . 6 . 0	<a href="#">get it</a>							
	smg-10 15/04/1994 4 . 7 . 0	<a href="#">get it</a>							
	smg-18 12/04/1996 4 . 8 . 0	<a href="#">get it</a>							

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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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<b>TS 03.14</b>	<b>Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System</b>								
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		<a href="#">get it</a>	remarks - general:
	smg-10 15/04/1994	4	.	1	.	0		<a href="#">get it</a>	remarks - this release: #7: 4.0.0 #10: 4.1.0
	Publication 13/09/1994	4	.	1	.	1		<a href="#">get it</a>	

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<b>TS 03.15</b>	<b>Technical Realization of Operator Determined Barring</b>								
Ph2	current version: 4.3.1			WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE Group Plc			
	freeze_meeting:			G: yes U:	MCC: Chalmers KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	2	.	0		<a href="#">get it</a>	remarks - general:
	smg-10 15/04/1994	4	.	3	.	0		<a href="#">get it</a>	remarks - this release: #7: 4.2.0 #10: 4.3.0
	Publication 13/09/1994	4	.	3	.	1		<a href="#">get it</a>	

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<b>TS 03.16</b>	<b>Subscriber Data Management</b>					
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			<a href="#">get it</a>	remarks - general:	
	smg-16 20/10/1995			<a href="#">get it</a>	remarks - this release:	#14: 4.1.0 #16: 4.1.1 #18: 4.2.1
	smg-18 12/04/1996			<a href="#">get it</a>		

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<b>TS 03.20</b>	<b>Security-related Network Functions</b>					
Ph2	current version: 4.4.1	WG (prime / other):	S3 / NP /	rapporteur:	NGUYEN NGOC,	France Telecom
	freeze_meeting:	G: yes	U:	MCC:	Sebastien	
	history (event, available, version,				POPE, Maurice	
	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:	
	smg-17 02/02/1996			<a href="#">get it</a>		
	smg-21 14/02/1997			<a href="#">get it</a>		
	Publication 26/08/1997			<a href="#">get it</a>		

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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:	G: yes	U:	MCC:	Peter Skov	
	history (event, available, version,				USAI, Paolino	
	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>		

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<b>TS 03.41</b>	<b>Technical Realization of Short Message Service Cell Broadcast (SMSCB)</b>								
Ph2	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	VODAFONE Group Plc					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i>	RODERMUND, Friedhelm					
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 4 . 1	<a href="#">get it</a>	<i>remarks - general:</i>					
	smg-08 01/10/1993	4 . 5 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>					
	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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<b>TR 03.43</b>	<b>Support of Videotex</b>								
Ph2	<i>current version:</i> 4.1.2	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i>	RODERMUND, Friedhelm					
	<i>history (event, available, version,</i>								
	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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<b>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>								
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	ETSI Secretariat					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i>	RODERMUND, Friedhelm					
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
	Editorial 30/07/1998	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release: #7: 4.0.0</i>					

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<b>TS 03.45</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>								
Ph2	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i>	BOSWARTHICK, David					
	<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-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>						

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## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

Ph2 *current version:* 4.1.2 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 0 . 2 [get it](#) *remarks - this release:*  
smg-11 01/07/1994 4 . 1 . 0 [get it](#)  
Publication 19/01/1996 4 . 1 . 2 [get it](#)

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## TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

Ph2 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release: #7: 4.1.0 #8: 4.2.0 #12: 4.2.1 #18: 4.4.0*  
smg-12 07/10/1994 4 . 2 . 1 [get it](#)  
smg-18 12/04/1996 4 . 4 . 0 [get it](#)

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## TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

Ph2 *current version:* 4.6.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release: #7: 4.1.0 #8: 4.2.0 #11: 4.3.0 #12: 4.4.0 #13: 4.5.0 #16: 4.6.0*  
smg-11 01/07/1994 4 . 3 . 0 [get it](#)  
smg-12 07/10/1994 4 . 4 . 0 [get it](#)  
smg-13 27/01/1995 4 . 5 . 0 [get it](#)  
smg-16 20/10/1995 4 . 6 . 0 [get it](#)

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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>				
Ph2	current version: 4.6.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino
	ETSI Secretariat				
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 . 1 . 0	<a href="#">get it</a>	remarks - this release:	#8: 4.0.0 #9: 4.1.0 #15: 4.2.0 #24: 4.3.0 #25: 4.4.0 #27: 4.5.0 #28: 4.6.0
smg-15	07/07/1995	4 . 2 . 0	<a href="#">get it</a>		
smg-24	19/12/1997	4 . 3 . 0	<a href="#">get it</a>		
smg-25	20/03/1998	4 . 4 . 0	<a href="#">get it</a>		
smg-27	16/10/1998	4 . 5 . 0	<a href="#">get it</a>		
smg-28	12/02/1999	4 . 6 . 0	<a href="#">get it</a>		
Editorial	12/03/1999	4 . 6 . 1	<a href="#">get it</a>		

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<b>TS 03.70</b>	<b>Routeing of Calls to/from Public Data Networks (PDN)</b>				
Ph2	current version: 4.0.3	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David
	freeze_meeting:	G: yes U:		MCC:	BOSWARTHICK, David
	ETSI Secretariat				
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
Publication	19/01/1996	4 . 0 . 3	<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
	ETSI Secretariat				
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>		

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## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph2 current version: 4.8.1  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 5 . 0  
smg-08 01/10/1993 4 . 5 . 1  
smg-10 15/04/1994 4 . 6 . 0  
smg-12 07/10/1994 4 . 7 . 0  
smg-18 12/04/1996 4 . 8 . 0  
Editorial 12/05/1996 4 . 8 . 1

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: POTH, Annette MANNESMANN Mobilfunk GmbH  
MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.5.0 #8: 4.5.1 #10: 4.6.0 #12: 4.7.0 #18: 4.8.0  
[get it](#)  
[get it](#)  
[get it](#)

## TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

Ph2 current version: 4.4.1  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 3 . 0  
smg-11 01/07/1994 4 . 3 . 2  
smg-12 07/10/1994 4 . 4 . 0  
Editorial 07/11/1994 4 . 4 . 1

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)  
MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.3.0 #11: 4.3.2 #12: 4.4.0  
[get it](#)  
[get it](#)

## TS 03.84 Multi Party (MPPTY) Supplementary Services; Stage 2

Ph2 current version: 4.4.1  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 1 . 0  
smg-09 21/01/1994 4 . 2 . 0  
smg-10 15/04/1994 4 . 3 . 0  
smg-12 07/10/1994 4 . 4 . 0  
Editorial 07/11/1994 4 . 4 . 1

WG (prime / other): N4 / -  
G: yes U:  
rapporteur: HABERMANN, Steffen Deutsche Telekom MobilNet GmbH  
MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0  
[get it](#)  
[get it](#)

## TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

Ph2 current version: 4.2.1  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 0 . 0  
smg-08 01/10/1993 4 . 1 . 0  
smg-13 27/01/1995 4 . 2 . 0  
Editorial 27/02/1995 4 . 2 . 1

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

[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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Server ACTIVE specs Ph2 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 03.86 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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph2 current version: 4.6.1

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	4	.	0
smg-10	15/04/1994	4	.	5	.	0
smg-12	07/10/1994	4	.	6	.	0
Editorial	07/11/1994	4	.	6	.	1

WG (prime / other): N4 / - rapporteur: HAMEL, Eric France Telecom  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #7: 4.4.0 #10: 4.5.0 #12: 4.6.0

[get it](#)

[get it](#)

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## TS 03.90 Unstructured Supplementary Service Data (USSD)

Ph2 current version: 4.1.1

freeze\_meeting:

history (event, available, version,

smg-08	01/10/1993	4	.	0	.	0
smg-15	07/07/1995	4	.	1	.	0
Editorial	07/08/1995	4	.	1	.	1

WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil BT Group Plc  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #8: 4.0.0 #15: 4.1.0

[get it](#)

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

## 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>								
Ph2	current version: 4.0.4	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
		G: yes	U:	MCC:	JORGENSEN, Per Johan				
history (event, available, version,									
smg-07	25/06/1993	4	. 0 . 1	<a href="#">get it</a>	remarks - general:				
ETSI publication	19/01/1996	4	. 0 . 4	<a href="#">get it</a>	remarks - this release: #7: 4.0.1				

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<b>TS 04.02</b>	<b>GSM Public Land Mobile Network (PLMN) Access Reference Configuration</b>								
Ph2	current version: 4.0.4	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
		G: yes	U:	MCC:	JORGENSEN, Per Johan				
history (event, available, version,									
smg-07	25/06/1993	4	. 0 . 1	<a href="#">get it</a>	remarks - general:				
ETSI publication	19/01/1996	4	. 0 . 4	<a href="#">get it</a>	remarks - this release: #7: 4.0.1				

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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				
		G: yes	U:	MCC:	THOMASEN, Gert				
history (event, available, version,									
smg-07	25/06/1993	4	. 0 . 1	<a href="#">get it</a>	remarks - general:				
smg-10	15/04/1994	4	. 1 . 0	<a href="#">get it</a>	remarks - this release:				
Editorial	15/05/1994	4	. 1 . 1	<a href="#">get it</a>					

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<b>TS 04.04</b>	<b>Layer 1 - General Requirements</b>								
Ph2	current version: 4.0.4	WG (prime / other):	G2 / -	rapporteur:	ISAACS, Ken	SIEMENS AG			
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert				
history (event, available, version,									
smg-07	25/06/1993	4	. 0 . 1	<a href="#">get it</a>	remarks - general:				
ETSI publication	13/09/1994	4	. 0 . 4	<a href="#">get it</a>	remarks - this release:				

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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 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 04.05 Data Link (DL) Layer General Aspects**

Ph2 current version: 4.0.3

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-07 25/06/1993 4 . 0 . 0

ETSI publication 13/09/1994 4 . 0 . 3

[get it](#) remarks - general:

[get it](#) remarks - this release: #7: 4.0.0

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**TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification**

Ph2 current version: 4.4.0

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-07 25/06/1993 4 . 2 . 0

smg-08 01/10/1993 4 . 3 . 0

smg-11 01/07/1994 4 . 4 . 0

[get it](#) remarks - general:

[get it](#) remarks - this release: #7: 4.2.0 #8: 4.3.0 #11: 4.4.0

[get it](#)

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**TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects**

Ph2 current version: 4.3.1

freeze\_meeting:

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd

JORGENSEN, Per Johan

G: yes U:

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

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



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Server ACTIVE specs Ph2 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 04.13 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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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

Ph2 *current version:* 4.11.1 *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 . 7 . 0 [get it](#) *remarks - general:*  
smg-09 21/01/1994 4 . 9 . 0 [get it](#) *remarks - this release:*  
smg-16 20/10/1995 4 . 10 . 0 [get it](#)  
ETSI publication 23/08/1996 4 . 10 . 1 [get it](#)  
smg-17 02/02/1996 4 . 11 . 0 [get it](#)  
ETSI publication 23/08/1996 4 . 11 . 1 [get it](#)

## TS 04.81 Line Identification Supplementary Services; Stage 3

Ph2 *current version:* 4.4.1 *WG (prime / other):* N4 / - *rapporteur:* 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-10 15/04/1994 4 . 3 . 0 [get it](#) *remarks - this release: #7: 4.2.0 #10: 4.3.0 #12: 4.4.0*  
smg-12 07/10/1994 4 . 4 . 0 [get it](#)  
ETSI Publication 07/11/1994 4 . 4 . 1 [get it](#)

## TS 04.82 Call Forwarding (CF) Supplementary Services - Stage 3

Ph2 *current version:* 4.9.1 *WG (prime / other):* N4 / - *rapporteur:* POTHS, Annette MANNESMANN Mobilfunk GmbH  
*freeze\_meeting:* *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 6 . 0 [get it](#) *remarks - general:*  
smg-11 01/07/1994 4 . 7 . 0 [get it](#) *remarks - this release: #7: 4.6.0 #11: 4.7.0 #12: 4.8.0 #17: 4.9.0*  
smg-12 07/10/1994 4 . 8 . 0 [get it](#)  
smg-17 02/02/1996 4 . 9 . 0 [get it](#)  
Editorial 02/03/1996 4 . 9 . 1 [get it](#)

## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* *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](#)

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

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## TS 04.84 Multi Party (MPty) Supplementary Services; Stage 3

Ph2 current version: 4.3.2

freeze\_meeting:

history (event, available, version,  
smg-07 25/06/1993 4 . 2 . 0  
smg-09 21/01/1994 4 . 3 . 0  
ETSI Publication 21/02/1994 4 . 3 . 2

WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen Deutsche Telekom MobilNet GmbH

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.2.0 #9: 4.3.0  
[get it](#)

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## TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

Ph2 current version: 4.1.1

freeze\_meeting:

history (event, available, version,  
smg-07 25/06/1993 4 . 0 . 0  
smg-18 12/04/1996 4 . 1 . 0  
Editorial 12/05/1996 4 . 1 . 1

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

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.0.0 #18: 4.1.0  
[get it](#)

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## TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

Ph2 current version: 4.5.2

freeze\_meeting:

history (event, available, version,  
smg-07 25/06/1993 4 . 2 . 0  
smg-08 01/10/1993 4 . 4 . 0  
smg-11 01/07/1994 4 . 5 . 0  
ETSI Publication 14/03/1995 4 . 5 . 2

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

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.2.0 #8: 4.4.0 #11: 4.5.0  
[get it](#)  
[get it](#)

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

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Server ACTIVE specs Ph2 04 .- series  
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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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Server ACTIVE specs Ph2 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

### TS 05.01 Physical Layer on the Radio Path (General Description)

Ph2 *current version:* 4.6.0 *WG (prime / other):* GP / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*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 #10: 4.3.0 #13: 4.4.0 #14: 4.5.0 #16: 4.6.0  
smg-10 15/04/1994 4 . 3 . 0 [get it](#)  
smg-13 27/01/1995 4 . 4 . 0 [get it](#)  
smg-14 07/04/1995 4 . 5 . 0 [get it](#)  
smg-16 20/10/1995 4 . 6 . 0 [get it](#)

### TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph2 *current version:* 4.11.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 3 . 0 [get it](#) *remarks - general:*  
smg-09 21/01/1994 4 . 4 . 0 [get it](#) *remarks - this release:*  
smg-15 07/07/1995 4 . 5 . 0 [get it](#)  
smg-16 20/10/1995 4 . 6 . 0 [get it](#)  
smg-17 02/02/1996 4 . 7 . 0 [get it](#)  
smg-20 11/10/1996 4 . 8 . 0 [get it](#)  
smg-22 13/06/1997 4 . 9 . 0 [get it](#)  
smg-28 12/02/1999 4 . 10 . 0 [get it](#)  
ETSI Publication 22/07/1999 4 . 10 . 1 [get it](#)  
GP-06 01/10/2001 4 . 11 . 0 [get it](#)

G = required in systems with GERAN 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)

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<b>TS 05.03</b>	<b>Channel coding</b>								
Ph2	current version: 4.5.1			WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist	NOKIA Corporation			
	freeze_meeting:			G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	1	.	0	<a href="#">get it</a>	remarks - general:	
	smg-13 27/01/1995	4	.	2	.	0	<a href="#">get it</a>	remarks - this release: #7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0	
	smg-15 07/07/1995	4	.	3	.	0	<a href="#">get it</a>		
	smg-21 14/02/1997	4	.	4	.	0	<a href="#">get it</a>		
	smg-22 13/06/1997	4	.	5	.	0	<a href="#">get it</a>		
	Editorial 13/07/1997	4	.	5	.	1	<a href="#">get it</a>		

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<b>TS 05.04</b>	<b>Modulation</b>								
Ph2	current version: 4.0.3			WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist	NOKIA Corporation			
	freeze_meeting:			G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	ETSI publication 13/09/1994	4	.	0	.	3	<a href="#">get it</a>	remarks - this release: #7: 4.0.0	

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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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## TS 05.08 Radio Subsystem Link Control

Ph2 current version: 4.22.1

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	6	.	0
smg-08	01/10/1993	4	.	7	.	0
smg-09	21/01/1994	4	.	8	.	0
smg-10	15/04/1994	4	.	9	.	0
smg-11	01/07/1994	4	.	10	.	0
smg-12	07/10/1994	4	.	11	.	0
smg-13	27/01/1995	4	.	12	.	0
smg-14	07/04/1995	4	.	13	.	0
smg-15	07/07/1995	4	.	14	.	0
smg-16	20/10/1995	4	.	15	.	0
smg-17	02/02/1996	4	.	16	.	0
smg-18	12/04/1996	4	.	17	.	0
smg-19	28/06/1996	4	.	18	.	0
smg-22	13/06/1997	4	.	19	.	0
smg-23	17/10/1997	4	.	20	.	0
smg-24	19/12/1997	4	.	21	.	0
smg-27	16/10/1998	4	.	22	.	0
ETSI Publication	09/03/1999	4	.	22	.	1

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

G: yes U:

MCC: USAI, Paolino

VODAFONE Group Plc

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

## TS 05.10 Radio subsystem synchronization

Ph2 current version: 4.9.0

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	2	.	0
smg-08	01/10/1993	4	.	3	.	0
smg-09	21/01/1994	4	.	4	.	0
smg-13	27/01/1995	4	.	5	.	0
smg-14	07/04/1995	4	.	6	.	0
smg-16	20/10/1995	4	.	7	.	0
smg-17	02/02/1996	4	.	8	.	0
smg-18	12/04/1996	4	.	9	.	0

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U:

MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.2.0 #8: 4.3.0 #9: 4.4.0 #13: 4.5.0 #14: 4.6.0 #16: 4.7.0 #17: 4.8.0  
#18: 4.9.0

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<b>TR 05.22</b>	<b>Radio link management in hierarchical networks</b>					
Ph2	current version: 4.0.0	WG (prime / other):	G1 / -	rapporteur:	VAN BUSSEL, Han	Deutsche Telekom MobilNet GmbH
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-18 12/04/1996					
	4 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:	#18: 4.0.0	
<hr/>						
<b>TR 05.50</b>	<b>Background for RF Requirements</b>					
Ph2	current version: 4.2.0	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-08 01/10/1993					
	4 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	smg-13 27/01/1995	<a href="#">get it</a>		remarks - this release:	#8: 4.0.0 #13: 4.1.0 #17: 4.2.0	
	4 . 1 . 0	<a href="#">get it</a>				
	smg-17 02/02/1996					
	4 . 2 . 0					
<hr/>						
<b>TR 05.90</b>	<b>GSM Electromagnetic Compatibility (EMC) considerations</b>					
Ph2	current version: 4.3.0	WG (prime / other):	G1 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-07					
	4 . 1 . 0			remarks - general:		
	smg-08			remarks - this release:		
	4 . 2 . 0					
	ETSI publication 15/02/1994					
	4 . 2 . 1	<a href="#">get it</a>				
	smg-15 15/08/1995	<a href="#">get it</a>				
	4 . 3 . 0					

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## 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

<b>TS 06.01</b>	<b>Full Rate Speech Processing Functions</b>					
Ph2	current version: 4.0.7	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 . 2	<a href="#">get it</a>	remarks - general:			
	smg-23 17/10/1997 4 . 0 . 6	<a href="#">get it</a>	remarks - this release:			
	ETSI Publication 07/04/1998 4 . 0 . 7	<a href="#">get it</a>				
<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>				

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<b>TR 06.08</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>					
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	Deutsche Telekom MobilNet GmbH		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-16 20/10/1995 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #16: 4.0.0			
<hr/>						
<b>TS 06.10</b>	<b>Full Rate Speech Transcoding</b>					
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i>	G: yes U:	<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>	G: yes U:	<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>	G: yes U:	<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>				

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## TS 06.20 Half Rate Speech Transcoding

Ph2 *current version:* 4.3.1 *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 [get it](#) *remarks - general:*  
smg-14 07/04/1995 4 . 1 . 0 [get it](#) *remarks - this release:* #13: 4.0.0 #14: 4.1.0 #17: 4.3.0  
smg-17 02/02/1996 4 . 3 . 0 [get it](#)  
ETSI Publication 03/03/1996 4 . 3 . 1 [get it](#)

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## TS 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels

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 [get it](#) *remarks - general:*  
ETSI Publication 19/12/1995 4 . 0 . 2 [get it](#) *remarks - this release:* #13: 4.0.0

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## TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels

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 [get it](#) *remarks - general:*  
smg-15 07/07/1995 4 . 1 . 0 [get it](#) *remarks - this release:* #13: 4.0.0 #15: 4.1.0  
Editorial 07/08/1995 4 . 1 . 1 [get it](#)

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## TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

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 [get it](#) *remarks - general:*  
smg-23 17/10/1997 4 . 0 . 5 [get it](#) *remarks - this release:* #7: 4.0.1 #23: 4.0.5

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<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>						
Ph2	current version: 4.3.1		WG (prime / other): S4 / -	rapporteur: BARRETT, Paul		BT Group Plc	
	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	4 . 0 . 0		<a href="#">get it</a>	remarks - general:		
	ETSI Publication 19/02/1995	4 . 0 . 2		<a href="#">get it</a>	remarks - this release: #13: 4.0.0		

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<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		BT Group Plc	
	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>			

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<b>TS 06.51</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>						
Ph2	current version: 4.2.0		WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari		NOKIA Corporation	
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,						
	smg-22 13/06/1997	4 . 0 . 0		<a href="#">get it</a>	remarks - general:		
	ETSI publication 31/12/1997	4 . 0 . 1		<a href="#">get it</a>	remarks - this release: #22: 4.0.0 #32:4.1.0 TSG#10:4.2.0		
	smg-32 28/06/2000	4 . 1 . 0		<a href="#">get it</a>			
	ETSI publication 30/11/2000	4 . 1 . 1		<a href="#">get it</a>			
	SP-10 20/12/2000	4 . 2 . 0		<a href="#">get it</a>			

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<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 4 . 0 . 1				<a href="#">get it</a>	remarks - general: remarks - this release: #23: 4.0.1
<b>TS 06.54</b>	<b>Test sequences for the GSM Enhanced Full Rate (EFR)</b>					
Ph2	current version: 4.2.0	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, smg-22 13/06/1997 4 . 0 . 0				<a href="#">get it</a>	remarks - general:
	ETSI publication 29/09/1998 4 . 0 . 1				<a href="#">get it</a>	remarks - this release: #22: 4.0.0 #32:4.1.0 TSG#10:4.2.0
	smg-32 20/06/2000 4 . 1 . 0				<a href="#">get it</a>	
	SP-10 20/12/2000 4 . 2 . 0				<a href="#">get it</a>	
<b>TR 06.55</b>	<b>Performance characterisation of the GSM EFR Speech Codec</b>					
Ph2	current version: 4.0.0	WG (prime / other): S4 / -	rapporteur: SALEM, Tarek	Deutsche Telekom MobilNet GmbH		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, smg-22 13/06/1997 4 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: #22: 4.0.0
<b>TS 06.60</b>	<b>Enhanced full rate speech transcoding</b>					
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-23 17/10/1997 4 . 0 . 0				<a href="#">get it</a>	remarks - general:
	smg-25 20/03/1998 4 . 1 . 0				<a href="#">get it</a>	remarks - this release: #23: 4.0.1 #25: 4.1.0
	ETSI Publication 24/08/2000 4 . 1 . 1				<a href="#">get it</a>	
<b>TS 06.61</b>	<b>Substitution and muting of lost frames for enhanced full rate speech traffic channels</b>					
Ph2	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				<a href="#">get it</a>	remarks - general:
	Editorial 13/07/1997 4 . 0 . 1				<a href="#">get it</a>	remarks - this release: #22: 4.0.0

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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)

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**TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) 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-23 17/10/1997 4 . 0 . 1 [get it](#) *remarks - general:*  
*remarks - this release: #23: 4.0.1*

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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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## 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

### TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Ph2 *current version:* 4.10.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 5 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 6 . 0 [get it](#) *remarks - this release: #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](#)

### TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*  
smg-09 21/01/1994 4 . 4 . 2 [get it](#) *remarks - this release: #7: 4.4.0 #9: 4.4.2 #11: 4.5.0*  
smg-11 01/07/1994 4 . 5 . 0 [get it](#)  
Editorial 01/08/1994 4 . 5 . 1 [get it](#)

### TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*  
smg-09 21/01/1994 4 . 5 . 0 [get it](#) *remarks - this release: #7: 4.4.0 #9: 4.5.0*  
Editorial 21/02/1994 4 . 5 . 1 [get it](#)

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<b>TS 07.05</b>	<b>Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)</b>				
Ph2	<i>current version:</i> 4.8.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	VODAFONE Group Plc	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<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> #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	<a href="#">get it</a>		
	smg-16 20/10/1995	4 . 5 . 0	<a href="#">get it</a>		
	smg-17 02/02/1996	4 . 6 . 0	<a href="#">get it</a>		
	smg-18 12/04/1996	4 . 7 . 0	<a href="#">get it</a>		
	smg-20 11/10/1996	4 . 8 . 0	<a href="#">get it</a>		
	Editorial 11/11/1996	4 . 8 . 1	<a href="#">get it</a>		

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<b>TS 07.07</b>	<b>AT Command set for GSM Mobile Equipment (ME)</b>				
Ph2	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	smg-16 20/10/1995	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-18 12/04/1996	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-24 19/12/1997	4 . 2 . 0	<a href="#">get it</a>		
	smg-25 20/03/1998	4 . 3 . 0	<a href="#">get it</a>		
	smg-27 16/10/1998	4 . 4 . 0	<a href="#">get it</a>		
	Editorial 16/11/1998	4 . 4 . 1	<a href="#">get it</a>		

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## 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>	Ph2	current version: 4.0.3 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S
				G: yes U:	MCC: THOMASEN, Gert	
			history (event, available, version, smg-07 25/06/1993 4 . 0 . 0 ETSI Publication 13/09/1994 4 . 0 . 3	<a href="#">get it</a>	remarks - general: remarks - this release: #7: 4.0.0	
				<a href="#">get it</a>		
<hr/>						
<b>TS 08.02</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles</b>	Ph2	current version: 4.2.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S
				G: yes U:	MCC: THOMASEN, Gert	
			history (event, available, version, smg-07 25/06/1993 4 . 0 . 0 smg-10 15/04/1994 4 . 1 . 0 smg-13 27/01/1995 4 . 2 . 0	<a href="#">get it</a>	remarks - general: remarks - this release: #7: 4.0.0 #10: 4.1.0 #13: 4.2.0	
				<a href="#">get it</a>		
				<a href="#">get it</a>		
<hr/>						
<b>TS 08.04</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>	Ph2	current version: 4.0.3 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S
				G: yes U:	MCC: THOMASEN, Gert	
			history (event, available, version, smg-07 25/06/1993 4 . 0 . 0 ETSI Publication 13/09/1994 4 . 0 . 3	<a href="#">get it</a>	remarks - general: remarks - this release: #7: 4.0.0	
				<a href="#">get it</a>		
<hr/>						
<b>TS 08.06</b>	<b>Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface</b>	Ph2	current version: 4.5.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S
				G: yes U:	MCC: THOMASEN, Gert	
			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-12 07/10/1994 4 . 5 . 0	<a href="#">get it</a>	remarks - general: remarks - this release: #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #12: 4.5.0	
				<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 08.08</b>	<b>Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>					
Ph2	current version: 4.12.1	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-08 01/10/1993				<a href="#">get it</a>	remarks - this release:
	smg-09 21/01/1994				<a href="#">get it</a>	
	smg-10 15/04/1994				<a href="#">get it</a>	
	smg-13 27/01/1995				<a href="#">get it</a>	
	smg-15 07/07/1995				<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>	
	smg-23 17/10/1997				<a href="#">get it</a>	
	ETSI Publication 23/10/1998				<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>					
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				<a href="#">get it</a>	remarks - general:
	smg-13 27/01/1995				<a href="#">get it</a>	remarks - this release:

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<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:		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-13 27/01/1995				<a href="#">get it</a>	remarks - this release: #7: 4.0.1 #13: 4.1.0

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<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:		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-13 27/01/1995				<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				<a href="#">get it</a>	

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<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:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
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	

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<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:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
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 Controler - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>					
Ph2	current version: 4.9.0	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-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 #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>Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR</b>					
Ph2	current version: 4.4.1	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-07	25/06/1993	4	. 1 . 0	<a href="#">get it</a>	remarks - general:	
smg-13	27/01/1995	4	. 2 . 0	<a href="#">get it</a>	remarks - this release:	
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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**TS 08.61 Inband Control of Remote Transcoder and Rate Adaptors; (Half Rate)**

Ph2 *current version:* 4.0.2 *WG (prime / other):* G2 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
smg-13 27/01/1995 4 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 19/01/1996 4 . 0 . 2 [get it](#) *remarks - this release:* #13: 4.0.0

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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>								
Ph2	<i>current version:</i> <b>Network (PLMN)</b>	4.0.3	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David		
ETSI Secretariat									
	<i>freeze_meeting:</i>		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-08	01/10/1993	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i> N3: "no R99 needed".
	smg-09	21/01/1994	4	.	0	.	1	<a href="#">get it</a>	<i>remarks - this release:</i> #8: 4.0.0 #9: 4.0.1
	ETSI Publication	14/03/1995	4	.	0	.	3	<a href="#">get it</a>	

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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	<i>current version:</i> 4.0.2		<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>								
	smg-07	25/06/1993	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i> N3: "no R99 needed".
	smg-08	01/10/1993	4	.	0	.	1	<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.0.0 #8: 4.0.1 #9: 4.0.2
	smg-09	21/01/1994	4	.	0	.	2	<a href="#">get it</a>	

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<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>								
Ph2	<i>current version:</i> 4.4.2		<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i>		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-07	25/06/1993	4	.	3	.	0	<a href="#">get it</a>	<i>remarks - general:</i> N3: "no R99 needed".
	smg-08	01/10/1993	4	.	4	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.3.0 #8: 4.4.0 #9: 4.4.1
	smg-09	21/01/1994	4	.	4	.	1	<a href="#">get it</a>	
	ETSI Publication	13/09/1994	4	.	4	.	2	<a href="#">get it</a>	

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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	<i>current version:</i> <b>Switched Data Transmission Services</b>	4.5.0	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David		
ETSI Secretariat									
	<i>freeze_meeting:</i>		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-07	25/06/1993	4	.	3	.	0	<a href="#">get it</a>	<i>remarks - general:</i> N3: "no R99 needed".
	smg-09	21/01/1994	4	.	4	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> #7: 4.3.0 #9: 4.4.0 #12: 4.5.0
	smg-12	07/10/1994	4	.	5	.	0	<a href="#">get it</a>	

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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 Network (PSTN)</b>	4.13.1	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert
Ph2	current version: Network (PSTN)						
SIEMENS AG							
	freeze_meeting:		G: yes	U:	MCC:	BOSWARTHICK, David	
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: #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>	4.1.1	WG (prime / other):	N1	/-	rapporteur:	JUKIC, Zdravko ERICSSON Eurolab Deutschland GmbH
Ph2	current version: 4.1.1						
	freeze_meeting:		G: yes	U:	MCC:	JORGENSEN, Per Johan	
history (event, available, version,							
smg-09	21/01/1994	4 . 0 . 0					<a href="#">get it</a> remarks - general:
smg-13	27/01/1995	4 . 1 . 0					<a href="#">get it</a> remarks - this release: #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>	4.4.1	WG (prime / other):	N4	/-	rapporteur:	VACANT,
Ph2	current version: Procedures and the Mobile Application Part (MAP)						
	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 . 1 . 0					<a href="#">get it</a> remarks - this release: #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:* SANDERS, Michael  
*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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**TR 09.94 Recommended Infrastructure Measures to Overcome Specific Phase 1 Mobile Stations Faults**

Ph2 *current version:* 4.5.0 *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-14	07/04/1995	4	.	0	.	0
smg-15	07/07/1995	4	.	1	.	0
smg-16	20/10/1995	4	.	2	.	0
smg-19	28/06/1996	4	.	3	.	0
smg-23	17/10/1997	4	.	4	.	0
smg-30	11/11/1999	4	.	5	.	0

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*remarks - general:* v4.x.x belongs to all releases from ph2 onwards

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*remarks - this release:* #14: 4.0.0 #15: 4.1.0 #16: 4.2.0 #19: 4.3.0 #23: 4.4.0 SMG#30 4.5.0

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[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

### TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification

Ph2 current version: 4.29.0 freeze\_meeting: WG (prime / other): G5 / S1 / NP / T2 / SCP / G4 rapporteur: SALMERON, Lidia ETSI Secretariat

G: yes U: MCC: CLAYTON, Michael

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.

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

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<b>TS 11.10-2</b>	<b>Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification</b>				
Ph2	current version: 4.16.0	WG (prime / other):	G5 / S1 / NP / T2 / SCP / G4	rapporteur:	SALMERON, Lidia ETSI Secretariat
	freeze_meeting:				
		G: yes	U:	MCC:	CLAYTON, Michael
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
		<a href="#">get it</a>	remarks - general:	2001-11-19: G4->G5.	
		<a href="#">get it</a>	remarks - this release:	GP-06: Rel-4 serves all releases.	
		<a href="#">get it</a>			
		<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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ACTIVE specs Ph2 11 .- series  
Server [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Ph2 current version: 4.34.0

WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia ETSI Secretariat

freeze\_meeting:

NP /  
T2 /  
SCP  
/ G4

G: yes U: MCC: CLAYTON, Michael

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.

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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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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: SANDERS, Michael

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: SANDERS, Michael

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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## TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

Ph2 *current version:* 4.14.1 *WG (prime / other):* G3 / - *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: MCC: RODERMUND, Friedhelm

*history (event, available, version,*

smg-11	01/07/1994	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-12	07/10/1994	4	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-13	27/01/1995	4	.	2	.	0	<a href="#">get it</a>	
smg-15	07/07/1995	4	.	3	.	0	<a href="#">get it</a>	
smg-16	20/10/1995	4	.	4	.	0	<a href="#">get it</a>	
smg-17	02/02/1996	4	.	5	.	0	<a href="#">get it</a>	
smg-18	12/04/1996	4	.	6	.	0	<a href="#">get it</a>	
smg-20	11/10/1996	4	.	7	.	0	<a href="#">get it</a>	
smg-22	13/06/1997	4	.	8	.	0	<a href="#">get it</a>	
smg-23	17/10/1997	4	.	9	.	0	<a href="#">get it</a>	
smg-25	20/03/1998	4	.	10	.	0	<a href="#">get it</a>	
smg-26	26/06/1998	4	.	11	.	0	<a href="#">get it</a>	
smg-27	16/10/1998	4	.	12	.	0	<a href="#">get it</a>	
smg-28	12/02/1999	4	.	13	.	0	<a href="#">get it</a>	
smg-29	25/06/1999	4	.	14	.	0	<a href="#">get it</a>	
ETSI Publication	17/12/1999	4	.	14	.	1	<a href="#">get it</a>	

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## TR 11.22 GSM Base Station and Ancillary Equipment, Physical and Electronical Parameters, Application of Standards and Guidance Notes

Ph2 *current version:* 4.2.0 *WG (prime / other):* G3 / - *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: MCC: RODERMUND, Friedhelm

*history (event, available, version,*

<to be defined>		4	.	0	.	0		<i>remarks - general:</i>
smg-21	14/02/1997	4	.	1	.	3	<a href="#">get it</a>	<i>remarks - this release:</i> .
smg-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:	RODERMUND, Friedhelm				
	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:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-14 07/04/1995	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-20 11/10/1996	4 . 1 . 0		<a href="#">get it</a>	remarks - this release: #14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0				
	smg-25 20/03/1998	4 . 2 . 0		<a href="#">get it</a>					
	smg-27 16/10/1998	4 . 3 . 0		<a href="#">get it</a>					
	Editorial correction 16/10/1998	4 . 3 . 1		<a href="#">get it</a>					

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<b>TS 11.26</b>	<b>GSM Repeater Equipment Specification</b>								
Ph2	current version: 4.2.2	WG (prime / other):	G3 / -	rapporteur:	VACANT,				
	freeze_meeting:	G: yes U:		MCC:	RODERMUND, Friedhelm				
	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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Server ACTIVE specs Ph2 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## 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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<b>TS 12.00</b>	<b>Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management</b>					
Ph2	current version: 4.6.0	WG (prime / other): S5 / -	rapporteur: ZOICAS, Adrian	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	smg-07 25/06/1993	4 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-08 01/10/1993	4 . 1 . 0	<a href="#">get it</a>	remarks - this release: #7: 4.0.0 #8: 4.1.0 #11: 4.2.0 #15: 4.3.0 #16: 4.4.0 #17: 4.5.0 #23: 4.6.0		
	smg-11 01/07/1994	4 . 2 . 0	<a href="#">get it</a>			
	smg-15 07/07/1995	4 . 3 . 0	<a href="#">get it</a>			
	smg-16 20/10/1995	4 . 4 . 0	<a href="#">get it</a>			
	smg-17 02/02/1996	4 . 5 . 0	<a href="#">get it</a>			
	smg-23 17/10/1997	4 . 6 . 0	<a href="#">get it</a>			

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<b>TS 12.01</b>	<b>Network Management (NM); Part 2: Common aspects of SM/DCS 1800 Network Management</b>					
Ph2	current version: 4.4.1	WG (prime / other): S5 / NP	rapporteur: ZOICAS, Adrian	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	smg-07 25/06/1993	4 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-08 01/10/1993	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
	smg-10 15/04/1994	4 . 2 . 0	<a href="#">get it</a>			
	smg-11 01/07/1994	4 . 3 . 0	<a href="#">get it</a>			
	smg-17 02/02/1996	4 . 4 . 0	<a href="#">get it</a>			
	Editorial 02/02/1996	4 . 4 . 1	<a href="#">get it</a>			

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<b>TS 12.02</b>	<b>Subscriber, Mobile Equipment (ME) and Services Data Administration</b>					
Ph2	current version: 4.6.1	WG (prime / other): S5 / S1	rapporteur: ZOICAS, Adrian	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	smg-07 25/06/1993	4 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-08 01/10/1993	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
	smg-09 21/01/1994	4 . 2 . 0	<a href="#">get it</a>			
	smg-11 01/07/1994	4 . 3 . 0	<a href="#">get it</a>			
	smg-15 07/07/1995	4 . 4 . 0	<a href="#">get it</a>			
	smg-16 20/10/1995	4 . 5 . 0	<a href="#">get it</a>			
	smg-17 02/02/1996	4 . 6 . 0	<a href="#">get it</a>			
	Editorial 02/02/1996	4 . 6 . 1	<a href="#">get it</a>			

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #11: 4.0.0 #12: 4.0.1 #17: 4.1.0  
[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:* SJÖBLOM, Kai 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:* ZOICAS, Adrian ETSI Secretariat  
*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:* ZOICAS, Adrian ETSI Secretariat  
*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:* YUHAN, Albert VoiceStream Wireless Corporation  
*freeze\_meeting:* G: yes U: *MCC:* RODERMUND, Friedhelm  
*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:* RODERMUND, Friedhelm  
*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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**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:* ZOICAS, Adrian ETSI Secretariat  
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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**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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**TS TBR32 Attachment Requirements for DCS Terminal Equipment (Telephony)**

Ph2 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* MSG / - *rapporteur:*  
G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:* #17: 4.0.0

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



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

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Ph1-EXT

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

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Server ACTIVE specs Ph1-EXT 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**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  
*freeze\_meeting:*

*WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom  
GP  
*G: yes U:* *MCC:* POPE, Maurice

*history (event, available, version,*  
smg-07 01/01/1995 3 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release: #7: 3.0.0*

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Server ACTIVE specs Ph1-EXT 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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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 04.08 Mobile radio interface layer 3 specification**

Ph1-EXT *current version:* 3.0.0

*freeze\_meeting:*

*history (event, available, version,*

ETSI publication 01/01/1995 3 . 0 . 0

*WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd

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

[get it](#) *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

*remarks - this release:* #7: 3.0.0 Thomasen (even numbered CRs!)

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**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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<b>TS 08.08</b>	<b>Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>				
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				
		<a href="#">get it</a>	remarks - general:		
			remarks - this release: #7: 3.0.0		
<hr/>					
<b>TS 08.58</b>	<b>Base Station Controler - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>				
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				
		<a href="#">get it</a>	remarks - general:		
			remarks - this release: #7: 3.0.0		

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Ph1-DCS

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Server ACTIVE specs Ph1-DC 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

**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 02.06</b>	<b>Types of Mobile Stations (MS)</b>				
Ph1-DC	<i>current version:</i> 3.2.0		WG ( <i>prime / other</i> ): S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc
	<i>freeze_meeting:</i>		G: yes U:	<i>MCC:</i> CLAYTON, Michael	
	<i>history (event, available, version,</i>				
	01/01/1995	3 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>
	10/05/1994	3 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .
	10/01/1994	3 . 2 . 0		<a href="#">get it</a>	
<hr/>					
<b>TS 02.11</b>	<b>Service Accessibility</b>				
Ph1-DC	<i>current version:</i> 3.1.0		WG ( <i>prime / other</i> ): S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom
	<i>freeze_meeting:</i>		G: yes U:	<i>MCC:</i> CLAYTON, Michael	
	<i>history (event, available, version,</i>				
	ETSI publication 01/01/1995	3 . 1 . 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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**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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Server ACTIVE specs Ph1-DC 03 .- series  
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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 04.08 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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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1-DC 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**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)**

Ph1-DC *current version:* 3.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 0

*WG (prime / other):* GP / - *rapporteur:* JOKINEN, Harri  
*G: yes U:* MCC: 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:* MCC: 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:* MCC: USAI, Paolino

VODAFONE Group Plc

[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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**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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<b>TS 08.58</b>	<b>Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>				
Ph1-DC	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i>		Peter Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version,</i>					
ETSI publication 01/01/1995 3 . 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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**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>TS 09.02</b>	<b>Mobile Application Part (MAP) Specification</b>								
Ph1-DC	current version: 0.0.0	DRAFT	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE Group Plc		
	freeze_meeting:					Chalmers			
	history (event, available, version,		G: yes	U:	MCC:	KYMALAINEN, Kimmo			
	03/03/1993 0 . 0 . 0								
			<a href="#">get it</a>	remarks - general:		CN->N4 Apr00 (JMM)			
				remarks - this release:					
<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-DC	current version: Procedures and the Mobile Application Part (MAP)		3.0.0WG (prime / other):	N4 / -	rapporteur:	VACANT,			
	freeze_meeting:								
	history (event, available, version,		G: yes	U:	MCC:	KYMALAINEN, Kimmo			
	ETSI publication 01/01/1995 3 . 0 . 0								
			<a href="#">get it</a>	remarks - general:					
				remarks - this release:					

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Server ACTIVE specs Ph1-DC 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

### TS 11.10 Mobile Station Conformity Specification

Ph1-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: SALMERON, Lidia

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:

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

### TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph1-DC current version: 3.3.4  
freeze\_meeting:

WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
G: yes U: MCC: SANDERS, Michael

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  
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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: MCC: 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: MCC: SALMERON, Lidia

remarks - general:  
remarks - this release: #4: 3.2.0 #11: 3.3.0

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Ph1

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Server ACTIVE specs Ph1 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**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 01.04 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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Server ACTIVE specs Ph1 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.01</b>	<b>Principles of Telecommunication Services Supported by a GSM Public Land Mobile Network (PLMN)</b>					
Ph1	current version: 3.2.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-18 10/04/1996					<a href="#">get it</a> remarks - general:
	ETSI publication 01/01/1995					<a href="#">get it</a> remarks - this release: .
	PT12 release 15/02/1992					<a href="#">get it</a>
	3 . 0 . 0					
	3 . 0 . 1					
	3 . 2 . 0					
<b>TS 02.02</b>	<b>Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)</b>					
Ph1	current version: 3.2.0	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Lucent Technologies Network Systems UK
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	CEPT GSM doc 15/01/1990					<a href="#">get it</a> remarks - general:
	CEPT GSM doc 15/07/1991					<a href="#">get it</a> remarks - this release: .
	3 . 1 . 1					
	3 . 2 . 0					
<b>TS 02.03</b>	<b>Teleservices Supported by a GSM Public Land Mobile Network (PLMN)</b>					
Ph1	current version: 3.4.1	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	Deutsche Telekom MobilNet GmbH
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	CEPT GSM doc 03/01/1991					<a href="#">get it</a> remarks - general:
	edito 22/07/1998					<a href="#">get it</a> remarks - this release: .
	3 . 4 . 0					
	3 . 4 . 1					
<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					<a href="#">get it</a> remarks - general:
	CEPT GSM doc 03/01/1991					<a href="#">get it</a> remarks - this release: .
	3 . 7 . 0					
	3 . 7 . 1					
<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					<a href="#">get it</a> remarks - general:
	3 . 2 . 0					remarks - this release: .

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Server ACTIVE specs Ph1 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.07</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 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:		
<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: .		
<b>TS 02.17</b>	<b>Subscriber Identity Modules, 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: SANDERS, 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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<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:		
<hr/>						
<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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<b>TS 02.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>					
Ph1	current version: 3.6.1	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 . 6 . 1	<a href="#">get it</a>	remarks - general:		
				remarks - this release: .		
<hr/>						
<b>TS 02.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 1</b>					
Ph1	current version: 3.6.1	WG (prime / other): S1 / -	rapporteur: CONRAD, Alan	Deutsche Telekom MobilNet GmbH		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
history (event, available, version,	ETSI publication 01/01/1995	3 . 6 . 1	<a href="#">get it</a>	remarks - general:		
				remarks - this release: .		

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## 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>TS 03.01</b>	<b>Network Functions</b>					
Ph1	<i>current version:</i> 3.1.1		<i>WG (prime / other):</i> S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB	
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 1				
			<a href="#">get it</a>	<i>remarks - general:</i> SMG3->SA2 @ TSG#7		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 03.02</b>	<b>Network Architecture</b>					
Ph1	<i>current version:</i> 3.1.4		<i>WG (prime / other):</i> S2 / NP /	<i>rapporteur:</i> SULTAN, Alain	ETSI Secretariat	
	<i>freeze_meeting:</i>		T2			
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> SULTAN, Alain		
	ETSI publication 01/01/1995	3 . 1 . 4				
			<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>					
Ph1	<i>current version:</i> 3.6.0		<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB	
	<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 . 6 . 0				
			<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> #8: 3.6.0		
<hr/>						
<b>TS 03.04</b>	<b>Signalling Requirements Relating to Routing of Calls to Mobile Subscribers</b>					
Ph1	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> N4 / SPA	<i>rapporteur:</i> KYMALAINEN, Kimmo	ETSI Secretariat	
	<i>freeze_meeting:</i>		N /			
	<i>history (event, available, version,</i>		T2			
	ETSI publication 01/01/1995	3 . 1 . 0	<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>TR 03.05</b>	<b>Technical performance objectives</b>					
Ph1	current version: 3.2.0	WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David			
	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 03.07</b>	<b>Restoration Procedures</b>					
Ph1	current version: 3.2.1	WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE Group Plc		
	freeze_meeting:	G: yes U:	Chalmers			
	history (event, available, version, ETSI publication 01/01/1995		MCC: KYMALAINEN, Kimmo			
	3 . 2 . 1	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			
<hr/>						
<b>TS 03.08</b>	<b>Organization of Subscriber Data</b>					
Ph1	current version: 3.7.0	WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG		
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo			
	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 03.09</b>	<b>Handover Procedures</b>					
Ph1	current version: 3.2.1	WG (prime / other): N1 / -	rapporteur: FARHOUMAND,	Ericsson Incorporated		
	freeze_meeting:	G: yes U:	Rouzbeh			
	history (event, available, version, ETSI publication 01/01/1995		MCC: JORGENSEN, Per Johan			
	3 . 2 . 1	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			
<hr/>						
<b>TS 03.10</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</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, ETSI publication 01/01/1995					
	3 . 3 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			

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**TS 03.11 Technical Realization of Supplementary Services - General Aspects**

Ph1 *current version:* 3.1.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen Deutsche Telekom MobilNet GmbH  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 1 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

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**TS 03.12 Location Registration Procedures**

Ph1 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*freeze\_meeting:* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 3 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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**TS 03.13 Discontinuous Reception (DRX) in the GSM System**

Ph1 *current version:* 3.0.2 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 2 [get it](#) *remarks - general:*  
*remarks - this release:* .

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**TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System**

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

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**TS 03.20 Security-related Network Functions**

Ph1 *current version:* 3.3.2 *WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom  
*freeze\_meeting:* GP Sebastian  
G: yes U: *MCC:* POPE, Maurice  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 01/01/1995 3 . 3 . 2 [get it](#) *remarks - this release:* .

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<b>TS 03.40</b>	<b>Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)</b>								
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	VODAFONE Group Plc					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3 . 7 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i> #8: 3.6.0 #9: 3.7.0					
<hr/>									
<b>TS 03.41</b>	<b>Technical Realization of Short Message Service Cell Broadcast (SMSCB)</b>								
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	VODAFONE Group Plc					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3 . 4 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
<b>TR 03.43</b>	<b>Support of Videotex</b>								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm						
	<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> .					
<hr/>									
<b>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	ETSI Secretariat					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm						
	<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> .					
<hr/>									
<b>TS 03.45</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>								
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	smg-05	3 . 2 . 0		<i>remarks - general:</i>					
	ETSI publication 01/01/1995	3 . 3 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>					
		exists in PDF only							

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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 Toolkit Application; Stage 2</b>					
Ph1	current version: 3.0.1	WG (prime / other): T3 / -	rapporteur: BARNES, Nigel	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: SANDERS, Michael			
	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		
<hr/>						
<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: .		
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<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	MANNESMANN Mobilfunk GmbH		
	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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**TS 03.88 Call Barring (CB) supplementary services; Stage 2**

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:*

*rapporteur:* HAMEL, Eric

*MCC:* KYMALAINEN, Kimmo

France Telecom

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

*remarks - this release:* .

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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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<b>TS 04.01</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles</b>					
Ph1	<i>current version:</i> 3.0.1 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> N1 / -	<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> JORGENSEN, Per Johan			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
<b>TS 04.02</b>	<b>GSM Public Land Mobile Network (PLMN) Access Reference Configuration</b>					
Ph1	<i>current version:</i> 3.0.2 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> N1 / -	<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> JORGENSEN, Per Johan			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
<b>TS 04.03</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</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 04.04</b>	<b>Layer 1 - General Requirements</b>					
Ph1	<i>current version:</i> 3.3.4 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken THOMASEN, Gert	SIEMENS AG		
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 3 . 4	G: yes U:	<i>MCC:</i>			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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<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	
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 5	G: yes U:	MCC: THOMASEN, Gert		
		<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	
	history (event, available, version, ETSI publication 01/01/1995 3 . 9 . 0	G: yes U:	MCC: THOMASEN, Gert		
		<a href="#">get it</a>	remarks - general:		
			remarks - this release: .		
<hr/>					
<b>TS 04.07</b>	<b>Mobile Radio Interface Signalling Layer 3 - General Aspects</b>				
Ph1	current version: 3.3.3 freeze_meeting:	WG (prime / other): N1 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd	
	history (event, available, version, ETSI publication 01/01/1995 3 . 3 . 3	G: yes U:	MCC: JORGENSEN, Per Johan		
		<a href="#">get it</a>	remarks - general:		
			remarks - this release: .		
<hr/>					
<b>TS 04.08</b>	<b>Mobile radio interface layer 3 specification</b>				
Ph1	current version: 3.14.0 freeze_meeting:	WG (prime / other): N1 / G2	rapporteur: HOWELL, Andrew	MOTOROLA Ltd	
	history (event, available, version, ETSI publication 01/01/1995 3 . 13 . 0 ETSI publication 15/09/1997 3 . 14 . 0	G: yes U:	MCC: JORGENSEN, Per Johan		
		<a href="#">get it</a>	remarks - general:	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert	
		<a href="#">get it</a>	remarks - this release: .	Thomassen (even numbered CRs!)	
<hr/>					
<b>TS 04.10</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects</b>				
Ph1	current version: 3.2.3 freeze_meeting:	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 3	G: yes U:	MCC: KYMALAINEN, Kimmo		
		<a href="#">get it</a>	remarks - general:		
			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>								
Ph1	current version: 3.3.0	WG (prime / other): N1 / -	rapporteur: NOBUYUKI, Uda	NTT Communications Ware Corporation					
	freeze_meeting:	G: yes U:	MCC: JORGENSEN, Per Johan						
	history (event, available, version, ETSI publication 01/01/1995	3 . 3 . 0	<a href="#">get it</a>	remarks - general: remarks - this release: #5:3.3.0					
<hr/>									
<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>								
Ph1	current version: 3.2.1	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, ETSI publication 01/01/1995	3 . 2 . 1	<a href="#">get it</a>	remarks - general: remarks - this release: .					
<hr/>									
<b>TS 04.21</b>	<b>Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface</b>								
Ph1	current version: 3.4.0	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation					
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David						
	history (event, available, version, ETSI publication 01/01/1995	3 . 4 . 0	<a href="#">get it</a>	remarks - general: remarks - this release: .					
<hr/>									
<b>TS 04.22</b>	<b>Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services</b>								
Ph1	current version: <b>Switching Centre (BSS - MSC) interface</b>	3.7.0	WG (prime / other): N3	/-	rapporteur: KLEHN, Norbert				
SIEMENS AG	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David						
	history (event, available, version, ETSI publication 01/01/1995	3 . 7 . 0	<a href="#">get it</a>	remarks - general: remarks - this release: .					
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<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: .					

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**TS 04.82 Call Forwarding (CF) Supplementary Services - Stage 3**

Ph1 *current version:* 3.1.3  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 1 . 3

*WG (prime / other):* N4 / - *rapporteur:* POTHS, Annette MANNESMANN Mobilfunk GmbH  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
[get it](#) *remarks - general:*  
*remarks - this release:* .

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**TS 04.88 Call Barring (CB) Supplementary Services; Stage 3**

Ph1 *current version:* 3.1.3  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 1 . 3

*WG (prime / other):* N4 / - *rapporteur:* HAMEL, Eric France Telecom  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
[get it](#) *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)

<b>TS 05.01</b>	<b>Physical Layer on the Radio Path (General Description)</b>				
Ph1	<i>current version:</i> 3.3.2	<i>WG (prime / other):</i> GP / -	<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>				
	ETSI publication 01/01/1995			3 . 3 . 2	
		<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>	.	
<b>TS 05.02</b>	<b>Multiplexing and Multiple Access on the Radio Path</b>				
Ph1	<i>current version:</i> 3.8.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-15			3 . 7 . 0	
	smg-16 01/01/1995			3 . 8 . 0	
		<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>	.	
<b>TS 05.03</b>	<b>Channel coding</b>				
Ph1	<i>current version:</i> 3.6.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	ETSI publication 01/01/1995			3 . 6 . 1	
		<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>	#12: 3.6.1	
<b>TS 05.04</b>	<b>Modulation</b>				
Ph1	<i>current version:</i> 3.1.2	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	ETSI publication 01/01/1995			3 . 1 . 2	
		<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>	.	
<b>TS 05.05</b>	<b>Radio Transmission and Reception</b>				
Ph1	<i>current version:</i> 3.16.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SAMUELSSON, Mats		
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-04			3 . 14 . 0	
	smg-06b			3 . 15 . 0	
	ETSI publication 01/01/1995			3 . 16 . 0	
		<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>	.	

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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

VODAFONE Group Plc

[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

NOKIA MOBILE PHONES

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*remarks - this release: #4: 3.5.1*

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## 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

<b>TS 06.01</b>	<b>Full Rate Speech Processing Functions</b>					
Ph1	<i>current version:</i> 3.0.0	<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> ETSI publication 01/01/1995 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<b>TS 06.10</b>	<b>Full Rate Speech Transcoding</b>					
Ph1	<i>current version:</i> 3.2.0	<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> ETSI publication 01/01/1995 3 . 2 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<b>TS 06.11</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>					
Ph1	<i>current version:</i> 3.0.1	<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> ETSI publication 01/01/1995 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<b>TS 06.12</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<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> .			
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>					
Ph1	<i>current version:</i> 3.1.0	<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> ETSI publication 01/01/1995 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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



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**TS 06.32 Voice Activity Detection (VAD)**

Ph1 *current version:* 3.0.0

*freeze\_meeting:*

*history (event, available, version,*

ETSI publication 01/01/1995 3 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul  
*G: yes U:* *MCC:* USAI, Paolino

BT Group Plc

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

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**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:* WIJK, 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:* WIJK, 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:* WIJK, 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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## 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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<b>TS 08.01</b>	<b>General Aspects on the BSS-MSC Interface</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> .		
<hr/>					
<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> .		

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<b>TS 08.08</b>	<b>Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>					
Ph1	current version: 3.10.1 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 0 ETSI publication 01/01/1995 3 . 10 . 1	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: .	
<hr/>						
<b>TS 08.20</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>					
Ph1	current version: 3.1.2 freeze_meeting:	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha BOSWARTHICK, David	NOKIA Corporation		
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 2	G: yes U:	MCC:		<a href="#">get it</a> remarks - general: remarks - this release: .	
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<b>TS 08.51</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>					
Ph1	current version: 3.0.2 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 2	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: remarks - this release: .	
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<b>TS 08.52</b>	<b>Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles</b>					
Ph1	current version: 3.0.2 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 2	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: remarks - this release: .	
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<b>TS 08.54</b>	<b>BSC-BTS : Layer 1 Structure of Physical Circuits</b>					
Ph1	current version: 3.0.1 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: remarks - this release: .	

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<b>TS 08.56</b>	<b>BSC-BTS Layer 2 Specification</b>					
Ph1	current version: 3.1.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov	
	history (event, available, version,				THOMASEN, Gert	
	ETSI publication 01/01/1995	<a href="#">get it</a>		remarks - general:		
	3 . 1 . 1			remarks - this release:		
<hr/>						
<b>TS 08.58</b>	<b>Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>					
Ph1	current version: 3.6.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov	
	history (event, available, version,				THOMASEN, Gert	
	ETSI publication 01/01/1995	<a href="#">get it</a>		remarks - general:		
	3 . 0 . 0			remarks - this release: #10: 3.6.0		
	ETSI publication 01/01/1995	<a href="#">get it</a>				
	3 . 0 . 0					
	smg-10 01/01/1995	<a href="#">get it</a>				
	3 . 6 . 0					
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<b>TS 08.59</b>	<b>BSC-BTS O&amp;M Signalling Transport</b>					
Ph1	current version: 3.1.0	WG (prime / other):	GP / -	rapporteur:	VACANT,	
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	ETSI publication 01/01/1995	<a href="#">get it</a>		remarks - general:		
	3 . 1 . 0			remarks - this release:		
<hr/>						
<b>TS 08.60</b>	<b>Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR</b>					
Ph1	current version: 3.3.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov	
	history (event, available, version,				THOMASEN, Gert	
	ETSI publication 01/01/1995	<a href="#">get it</a>		remarks - general:		
	3 . 3 . 1			remarks - this release:		

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<b>TR 09.01</b>	<b>General Network Interworking Scenarios</b>						
Ph1	current version: 3.0.1	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 . 1	<a href="#">get it</a>	remarks - general:				
			remarks - this release:				
<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 Group Plc			
	freeze_meeting:	G: yes U:	MCC: Chalmers				
	history (event, available, version,						
	ETSI publication 01/01/1995 3 . 0 . 0	<a href="#">get it</a>	remarks - general: CN->N4 Apr00 (JMM)				
	ETSI publication 01/01/1995 3 . 11 . 0	<a href="#">get it</a>	remarks - this release:				
<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: <b>Network (PLMN)</b>	3.0.1	WG (prime / other): N3	/-	rapporteur: BOSWARTHICK, David		
	ETSI Secretariat						
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,						
	ETSI publication 01/01/1995 3 . 0 . 1	<a href="#">get it</a>	remarks - general: N3: "no R99 needed".				
			remarks - this release:				
<b>TS 09.04</b>	<b>Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)</b>						
Ph1	current version: 3.0.1	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,						
	ETSI publication 01/01/1995 3 . 0 . 1	<a href="#">get it</a>	remarks - general: N3: "no R99 needed".				
			remarks - this release:				

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<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>								
Ph1	current version: 3.2.2		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat				
	freeze_meeting:		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version, ETSI publication 01/01/1995	3 . 2 . 2				<a href="#">get it</a>	remarks - general: N3: "no R99 needed".		remarks - this release: .
<hr/>									
<b>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)</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	3 . 10 . 0				<a href="#">get it</a>	remarks - general:		remarks - this release: #5: 3.8.0 #9: 3.9.0 #14: 3.10.0
<hr/>									
<b>TS 09.09</b>	<b>Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN</b>								
Ph1	current version: 1.0.0	DRAFT	WG (prime / other): N4 / -	rapporteur: VAINIKKA, Jari	NOKIA Corporation				
	freeze_meeting:		G: yes U:	MCC: KYMALAINEN, Kimmo					
	history (event, available, version, First complete 01/01/1992	1 . 0 . 0				<a href="#">get it</a>	remarks - general:		remarks - this release: .
<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 Procedures and the Mobile Application Part (MAP)</b>								
Ph1	current version: Procedures and the Mobile Application Part (MAP)	3.0.2	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				<a href="#">get it</a>	remarks - general:		remarks - this release: .
	ETSI publication 01/01/1995	3 . 0 . 2				<a href="#">get it</a>	remarks - this release: .		
<hr/>									
<b>TS 09.11</b>	<b>Signalling Interworking for Supplementary Services</b>								
Ph1	current version: 3.0.1		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 . 0 . 1				<a href="#">get it</a>	remarks - general:		remarks - this release: .

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## 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

<b>TS 11.10</b>	<b>Mobile Station Conformity Specification</b>					
Ph1	current version: 3.23.1	WG (prime / other):	G4 / S1 /	rapporteur:	LEGRAND, Walter	EADS/DSN
	freeze_meeting:		G5 /			
			NP /			
			T2 /			
			SCP			
		G: yes U:		MCC:	SALMERON, Lidia	
	history (event, available, version,					
	First complete 01/01/1992	1 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-02	3 . 8 . 0		remarks - this release:		
	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	<a href="#">get it</a>			
	smg-08 07/06/1996	3 . 15 . 0	<a href="#">get it</a>			
	smg-09 07/06/1996	3 . 16 . 0	<a href="#">get it</a>			
	smg-10 02/09/1996	3 . 17 . 0	<a href="#">get it</a>			
	smg-11 02/09/1996	3 . 18 . 0	<a href="#">get it</a>			
	smg-12 02/09/1966	3 . 19 . 0	<a href="#">get it</a>			
	smg-13 28/06/1996	3 . 20 . 0	<a href="#">get it</a>			
	smg-15	3 . 21 . 0				
	smg-16 01/01/1996	3 . 22 . 0	<a href="#">get it</a>			
	smg-20 16/10/1996	3 . 23 . 0	<a href="#">get it</a>			
	ETSI publication 30/12/1996	3 . 23 . 1	<a href="#">get it</a>			
<b>TS 11.11</b>	<b>Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface</b>					
Ph1	current version: 3.16.0	WG (prime / other):	T3 / -	rapporteur:	GUTHERY, Scott B.	Mobile-Mind Inc.
	freeze_meeting:	G: yes U:		MCC:	SANDERS, Michael	
	history (event, available, version,					
	ETSI publication 01/01/1995	3 . 3 . 3	<a href="#">get it</a>	remarks - general:		
	ETSI publication 01/01/1995	3 . 16 . 0	<a href="#">get it</a>	remarks - this release:		

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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: SALMERON, Lidia

[get it](#) *remarks - general:*  
*remarks - this release:* #2: 3.6.0 #11: 3.7.0  
[get it](#)

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## 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 12.10 Maintenance Provisions for Operational Integrity of MSs

Ph1 *current version: none*

*freeze\_meeting:*

*history (event, available, version,*

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

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

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

*remarks - general:*

*remarks - this release: .*

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**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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**TS TBR 9 Attachment Requirements for GSM Terminal Equipment (Telephony)**

Ph1 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* MSG / - *rapporteur:* FREEMAN, David MOTOROLA  
*G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2*

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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      TB .- series  
[http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

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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      TB .- series  
[http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

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

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WITHDRA specs

Rel-5



# 3GPP specification status

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

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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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<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-14		<i>G:</i>	<i>MCC:</i> CLAYTON, Michael	
	<i>history (event, available, version,</i>		<i>U:</i> yes		
	SP-12 27/06/2001 1 . 0 . 0	SP-010267	<a href="#">get it</a>	<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.	

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

**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 23.121</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-14	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> TSG#7: 3.3.0 TSG#9:5.0.0 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/>					
<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.	
<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	<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 from 23.178.	
				<i>remarks - this release:</i> Was briefly 23.178.	
<hr/>					
<b>TR 23.915</b>	<b>Charging implications of IMS architecture</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MILINSKI, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-14	G: U: 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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G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

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

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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 Communications Ware Corporation		
	<i>freeze_meeting:</i> SP-14			<i>G:</i>	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>			<i>U:</i> yes					
	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>	TSG#11:5.0.0 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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G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

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

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**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;Terminal aspects**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

*WG (prime / other):* T2 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute  
*G:* *U:* yes *MCC:* RODERMUND, Friedhelm

*remarks - general:*

*remarks - this release:* WI approved TSG#7. WG Secretary 2001-08-30: No need for any terminal spec for this application; so stopped.

# 3GPP specification status

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

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**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 29.203</b>	<b>Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)</b>			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> YOUNG, Michael	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-14	<i>G:</i> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	superseded by 29.903
			<i>remarks - this release:</i>	. TSG#11:creation; superseded by 29.903

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

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**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 32.312-2 Telecommunication management; Generic IRP management; Information service**

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

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

*remarks - general:* -> 32.112  
*remarks - this release:* .

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**TR 32.801 Performance management**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-14  
*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.

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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 WITHDRAWN specs Rel-5 32 .- series  
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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 WITHDRAWN specs Rel-5 32 .- series  
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Rel-4

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

# 3GPP specification status

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

**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 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1**

Rel-4 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
*remarks - general:* Transfer>TSG#4  
*remarks - this release:* TSG#11: Becomes 42.043 for Rel-4 (!).

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**TS 22.112 USIM toolkit interpreter; Stage 1**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T3 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* SANDERS, Michael  
*history (event, available, version,*  
TP-10 11/01/2001 1 . 0 . 0 [get it](#) *remarks - general:*  
TP-11 09/04/2001 4 . 0 . 0 withdrawn TP-13 [get it](#) *remarks - this release:* TP-13: Rel-4 withdrawn, since stage 2 not ready.

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**TS 22.227 Service requirements for the Open Service Access (OSA)**

Rel-4 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute  
*freeze\_meeting:* *G:* *U:* yes *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
*remarks - general:* Clayton Apr-2001: spec not required (see 22.127)  
*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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## 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

<b>TS 23.171</b>	<b>Functional stage 2 description of location services in UMTS</b>								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, SP-11</i>	4	.	0	.	0		withdrawn	
									<i>remarks - general:</i>
									<i>remarks - this release:</i> Kall: Apr-2001:Superseded by 23.271 for Rel-4.
<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>freeze_meeting:</i> SP-12								
	<i>history (event, available, version, SP-10</i>	31/01/2001	1	.	0	.	0	SP-000594	<a href="#">get it</a>
	draft	01/02/2001	1	.	1	.	0		<a href="#">get it</a>
	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>
									<i>remarks - general:</i>
									<i>remarks - this release:</i> SP-12: becomes Rel-5
<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>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, NP-11</i>	4	.	0	.	0		doa. Stick at R99.	
									<i>remarks - general:</i>
									<i>remarks - this release:</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>								
Rel-4	<i>current version:</i> 1.0.0								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version, N1-06</i>	20/08/1999	0	.	0	.	1		<a href="#">get it</a>
	N1-07	17/09/1999	0	.	0	.	2		<a href="#">get it</a>
	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>

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

# 3GPP specification status

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Server WITHDRAWN specs Rel-4 23 .- series  
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<b>TR 23.913</b>	<b>UMTS Turbo-Charger</b>								
Rel-4	<i>current version:</i> 1.0.0	DRAFT		<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,</i>								
	N1-06 20/08/1999	0 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5				
	N1-07 17/09/1999	0 . 0 . 2		<a href="#">get it</a>	<i>remarks - this release:</i> .				
	N1-08 29/10/1999	0 . 0 . 3		<a href="#">get it</a>					
	revision 15/11/1999	0 . 1 . 0		<a href="#">get it</a>					
	revision 30/11/1999	0 . 1 . 1		<a href="#">get it</a>					
	NP-06 17/12/1999	1 . 0 . 0		<a href="#">get it</a>					
	N1-09 03/12/1999	1 . 0 . 0		<a href="#">get it</a>					

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<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> U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-11	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.				

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<b>TR 23.923</b>	<b>Combined GSM and Mobile IP mobility handling in UMTS IP CN</b>								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HUBBARD, Elisabeth	TELIA AB			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-11	4 . 0 . 0			<i>remarks - general:</i>				
					<i>remarks - this release:</i> Sultan Apr-2001: contents out of date, not appropriate for Rel-4.				

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<b>TR 23.972</b>	<b>Circuit Switched Multimedia Telephony</b>								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> KAUHANEN, Timo	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-11	4 . 0 . 0	doa. Stick at R99.		<i>remarks - general:</i> New after TSG#5. Minor title change TSG#7.				
					<i>remarks - this release:</i> Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.				

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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/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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

### TS 24.004 Layer 1 - General Requirements

Rel-4 *current version:* 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.

### TS 24.012 Short Message Service Cell Broadcast (SMSCB) 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.

### 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:* .

### 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:* . TSG#11:4.0.0

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

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Server WITHDRAWN specs Rel-4 24 .- series  
[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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

<b>TS 25.107</b>	<b>UTRA Repeater; Conformance testing</b>								
Rel-4	current version: 0.0.1	DRAFT	WG (prime / other): - / -	rapporteur: NILSSON, Martin	ALLGON AB	G: U: yes	MCC: ,		
	freeze_meeting:								
	history (event, available, version,								
	Start of work 01/08/2000	0 . 0 . 1	<a href="#">get it</a>	remarks - general: -> 25.143				remarks - this release: Scrapped in favour of 25.143	
<b>TS 25.371</b>	<b>LMU signalling</b>								
Rel-4	current version: none		WG (prime / other): - / -	rapporteur: MOULY, Michel	ARGUIN Communications	G: U: yes	MCC: ,		
	freeze_meeting: SP-07								
	history (event, available, version,								
				remarks - general: Created Jan 00; wdrwn Apr00				remarks - this release: First draft: Jan2000	
<b>TR 25.846</b>	<b>CPCH performance</b>								
Rel-4	current version: none		WG (prime / other): R4 / -	rapporteur: KWAK, Joe	Golden Bridge Technology Inc.	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar		
	freeze_meeting: SP-11								
	history (event, available, version,								
				remarks - general: 2001-02-13: scrapped				remarks - this release: .	
<b>TR 25.932</b>	<b>Delay budget within the access stratum</b>								
Rel-4	current version: 2.0.0	DRAFT	WG (prime / other): R3 / -	rapporteur: TAYLOR, Carolyn		G: U: yes	MCC: TAYLOR, Carolyn		
	freeze_meeting: SP-11								
	history (event, available, version,								
	RP-08 23/06/2000	1 . 0 . 0	<a href="#">get it</a>	remarks - general: ->25.853 @ TSG#10.					
	RP-09 05/10/2000	1 . 1 . 0	<a href="#">get it</a>	remarks - this release: TSG#8:1.0.0 TSG#9:1.1.0 TSG#10:2.0.0; approved renumbered as 25.853.					
	RP-10 22/01/2001	2 . 0 . 0	<a href="#">get it</a>	TSG#10:2.0.0; replaced by 25.853.					

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 25.933 IP Transport in UTRAN

Rel-4 *current version:* 1.5.0 DRAFT  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
draft 15/05/2000 0 . 0 . 1  
R3-13 15/06/2000 0 . 1 . 0  
R3-13 15/07/2000 0 . 1 . 1  
RP-09 15/08/2000 0 . 2 . 0  
RP-10 21/12/2000 0 . 4 . 0 RP-000644  
RP-11 06/04/2001 1 . 0 . 0  
RP-12 05/07/2001 1 . 1 . 0 RP-010425  
RP-13 01/10/2001 1 . 4 . 0 RP-010642  
draft 13/11/2001 1 . 4 . 1  
RP-14 06/12/2001 1 . 5 . 0 RP-010876

*WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.  
*G:* *U:* yes *MCC:* TAYLOR, Carolyn

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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## TR 25.952 Base Station classification (TDD)

Rel-4 *current version:* 1.1.0 DRAFT  
*freeze\_meeting:* SP-12  
*history (event, available, version,*  
draft 21/11/2000 0 . 0 . 1  
RP-10 21/12/2000 1 . 0 . 0  
RP-11 10/04/2001 1 . 1 . 0

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

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

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

<b>TR 26.078</b>	<b>Results of the AMR noise suppression selection phase</b>					
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.
<b>TS 26.226</b>	<b>Global text telephony; Transport of text in the voice channel</b>					
Rel-4	current version: 4.0.0	WG (prime / other): S4 / -	rapporteur: HELLSTROM, Gunnar	The Swedish Handicap Institute		
	freeze_meeting: SP-11	G: U: yes	MCC: USAI, Paolino			
	history (event, available, version, SP-08					
	23/06/2000					0 . 0 . 0
	SP-09					18/10/2000 0 . 0 . 9
						draft 24/10/2000 0 . 0 . 10
	SP-10					21/12/2000 4 . 0 . 0
						<a href="#">get it</a> remarks - general:
						<a href="#">get it</a> remarks - this release: WI approved TSG#7 TSG#9:0.0.9 TSG#10:2.0.0=SP-000569(Rel-5)->Rel-4
						TSG#10:4.0.0 TSG#11:withdrawn->rel-5
<b>TS 26.230</b>	<b>Global text telephony; Cellular text telephone modem transmitter C-code description</b>					
Rel-4	current version: 4.0.0	WG (prime / other): S4 / -	rapporteur: HELLSTROM, Gunnar	The Swedish Handicap Institute		
	freeze_meeting: SP-11	G: U: yes	MCC: USAI, Paolino			
	history (event, available, version, SP-10					
	21/12/2000					4 . 0 . 0
						<a href="#">get it</a> remarks - general:
						remarks - this release: TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4 TSG#10:4.0.0; TSG#11:withdrawn, to be
						Rel-5 only.
<b>TS 26.235</b>	<b>Packet switched conversational multimedia applications; Default codecs</b>					
Rel-4	current version: 4.1.0	WG (prime / other): S4 / -	rapporteur: OJALA, Pasi	Nokia Research Center		
	freeze_meeting: SP-11	G: U: yes	MCC: USAI, Paolino			
	history (event, available, version, draft					
	01/10/2000					0 . 0 . 1
	draft					16/11/2000 0 . 0 . 2
	SP-10					21/12/2000 1 . 0 . 0 NP-000567
	SP-11					10/04/2001 4 . 0 . 0
	SP-12					4 . 1 . 0 immediately withdrawn, becomes Rel-5
						<a href="#">get it</a> remarks - general:
						<a href="#">get it</a> remarks - this release: SP-12: withdrawn from Rel-4, moved to Rel-5.
						<a href="#">get it</a>
						<a href="#">get it</a>

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Server WITHDRAWN specs Rel-4 26 .- series  
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**TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G**

Rel-4 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri  
*G:* *U:* yes *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:* No work, will never appear as 4.0.0 (Usai, Mar 2001)

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**TR 26.920 Architectural Model for the 3G Transcoders**

Rel-4 *current version:* 0.1.1 DRAFT  
*freeze\_meeting:*  
*history (event, available, version,*  
SP-03 26/04/1999 0 . 1 . 1

*WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William  
*G:* *U:* yes *MCC:* USAI, Paolino

NORTEL NETWORKS (EUROPE)

[get it](#)

*remarks - general:* 2000-01-22: S4 TFO group discontinues work on this report.

*remarks - this release:* .

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**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 28.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

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

*remarks - general:*

*remarks - this release:* 2001-11-07: Boswarthick: Not required for Rel-4.

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Server WITHDRAWN specs Rel-4 28 .- series  
[http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

## 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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<b>TR 30.002</b>	<b>Guidelines for the modification of the Mobile Application Part (MAP)</b>								
Rel-4	<i>current version:</i> 4.0.1			<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-09 08/11/2000	4	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> .
	TR no. corrected 02/02/2001	4	.	0	.	1		<a href="#">get it</a>	<i>remarks - this release:</i> .
<hr/>									
<b>TR 30.801</b>	<b>Overall Project Plan</b>		DRAFT						
Rel-4	<i>current version:</i> 1.1.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	draft 30/07/1999	0	.	1	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
	draft 30/08/1999	0	.	2	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> TSG#11: Work stopped.
	draft 30/09/1999	0	.	3	.	0		<a href="#">get it</a>	
	SP-05 13/10/1999	1	.	0	.	0		<a href="#">get it</a>	
	draft 02/12/1999	1	.	1	.	0		<a href="#">get it</a>	
<hr/>									
<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	MOTOROLA GmbH			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
	SP-09	4	.	0	.	0			<i>remarks - this release:</i> 2001-02-02: In Nov-00, mistakenly put up 30.002 v4.0.0 under this number; now removed. TSG#11: Work stopped.
<hr/>									
<b>TR 30.804</b>	<b>Project plan on GSM/UMTS Interoperation and Mobility Management</b>		DRAFT						
Rel-4	<i>current version:</i> 1.0.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
									<i>remarks - this release:</i> TSG#11: Work stopped.

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<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> KÅLL, Jan	NOKIA Corporation				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1 . 0 . 0							
			<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i> TSG#11: Work stopped.					
<hr/>									
<b>TR 30.808</b>	<b>Project plan on Packet Architecture and Circuit Architecture</b>								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DROPMANN, Ulrich	SIEMENS AG				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1 . 0 . 0							
			<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i> TSG#11: Work stopped.					
<hr/>									
<b>TR 30.810</b>	<b>Project plan on Security</b>								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>								
	SP-05 24/10/1999	1 . 0 . 0							
			<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i> TSG#11: Work stopped.					
<hr/>									
<b>TR 30.812</b>	<b>Project plan on Services and Service platforms</b>								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SCHMERSEL, Rob	CELLPOINT SYSTEMS AB				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1 . 0 . 0							
			<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i> TSG#11: Work stopped.					

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[http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

## 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 32.104</b>	<b>3G Performance Management</b>								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	Deutsche Telekom MobilNet GmbH			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-11 28/03/2001	4	.	0	.	0	withdrawn	<a href="#">get it</a>	<i>remarks - general:</i>
									<i>remarks - this release:</i> SP-12: Split into several specs. 32.401, '402, '403.
<hr/>									
<b>TS 32.105</b>	<b>3G charging and billing; Stage 2 description</b>								
Rel-4	<i>current version:</i> 0.0.4			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KOBYLARZ, Thaddeus	AT&T Corp.			
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-06 17/12/1999	0	.	0	.	1		<a href="#">get it</a>	<i>remarks - general:</i>
	SP-08 23/06/2000	0	.	0	.	2		<a href="#">get it</a>	<i>remarks - this release:</i> New at SP-06. SP-10:R99 version scrapped, will be Rel-4. SP-12: Rel-4 withdrawn.
	SP-09 28/09/2000	0	.	0	.	3		<a href="#">get it</a>	
	draft 10/10/2000	0	.	0	.	4	SP-12: Rel-4 withdrawn.	<a href="#">get it</a>	
<hr/>									
<b>TS 32.106-1</b>	<b>Telecommunication Management; Configuration Management; Part 1: 3G configuration management; Concept and 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-11			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-11 28/03/2001	4	.	0	.	0	SP-12: withdrawn.	<a href="#">get it</a>	<i>remarks - general:</i> SP-08: split into eight parts
									<i>remarks - this release:</i> SP-12: withdrawn. See 32.300.
<hr/>									
<b>TS 32.106-2</b>	<b>Telecommunication Management; Configuration Management; Part 2: Notification Integration Reference Point; Information Service version 1</b>								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-12			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i> TSG#8: split into eight parts
									<i>remarks - this release:</i> SP-12: withdrawn.

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**TS 32.106-3 Telecommunication Management; Configuration Management; Part 3: Notification Integration Reference Point; CORBA solution set version 1:1**  
Rel-4 *current version: none* WG (prime / other): S5 / - *rapporteur:* SCHEER, Randal Lucent Technologies  
*freeze\_meeting:* SP-12 G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,* *remarks - general:* TSG#8: split into eight parts  
*remarks - this release:* SP-12: withdrawn.

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**TS 32.106-4 Telecommunication Management; Configuration Management; Part 4: Notification Integration Reference Point; CMIP Solution Set Version 1:1**  
Rel-4 *current version: none* WG (prime / other): S5 / - *rapporteur:* ZHOU, Di SIEMENS AG  
*freeze\_meeting:* SP-12 G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,* *remarks - general:* TSG#8: split into eight parts  
*remarks - this release:* SP-12: withdrawn.

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**TS 32.106-5 Telecommunication Management; Configuration Management; Part 5: Basic Configuration Management IRP information model (including NRM) version 1**  
Rel-4 *current version: none* 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,* *remarks - general:* TSG#8: split into eight parts  
*remarks - this release:* SP-12: withdrawn.

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**TS 32.106-6 Telecommunication Management; Configuration Management; Part 6: Basic Configuration Management IRP CORBA solution set version 1:1**  
Rel-4 *current version: none* WG (prime / other): S5 / - *rapporteur:* ZHOU, Di SIEMENS AG  
*freeze\_meeting:* SP-12 G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,* *remarks - general:* TSG#8: split into eight parts  
*remarks - this release:* SP-12: withdrawn.

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**TS 32.106-7 Telecommunication Management; Configuration Management; Part 7: Basic Configuration Management IRP CMIP solution set version 1:1**  
Rel-4 *current version: none* 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,* *remarks - general:* TSG#8: split into eight parts  
*remarks - this release:* SP-12: withdrawn.

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





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Server WITHDRAWN specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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<b>TS 32.301-1</b>	<b>Telecommunication Management; Configuration Management; Notification 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>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-12 18/06/2001	2 . 0 . 0							
			<a href="#">get it</a>	<i>remarks - general:</i>	Replaces 32.106 (pars). SP-12: stopped. See 32.301.				
				<i>remarks - this release:</i>	.				
<hr/>									
<b>TS 32.301-2</b>	<b>Telecommunication Management; Configuration Management; Part 2: Notification Integration Reference Point; Information Service version 1</b>								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated				
	<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- 2SP-12: stopped. See 32.302.				
				<i>remarks - this release:</i>	.				
<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	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHEER, Randal	Lucent Technologies				
	<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 32.106-3 SP-12: stopped. See 32.303.				
				<i>remarks - this release:</i>	.				
<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	<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: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-12 18/06/2001	2 . 0 . 0							
			<a href="#">get it</a>	<i>remarks - general:</i>	Replaces 32.106-4 SP-12: stopped. See 32..304.				
				<i>remarks - this release:</i>	.				
<hr/>									
<b>TS 32.312-1</b>	<b>Telecommunication management; Generic IRP management; Requirements</b>								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,					
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>	-> 32.111				
				<i>remarks - this release:</i>	.				

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

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<b>TS 32.602-1</b>	<b>Telecommunication management; Configuration management; 3G configuration management: Bulk CM 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 IRP: Information service</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 32.612. <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 IRP: CORBA solution set</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 32.613. <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 IRP: CMIP solution set</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 32.614. <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 IRP: XML file format definition</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 32.615. <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 32.621-2</b>	<b>Telecommunication Management; Configuration Management; Core Network Resources IRP: NRM</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 32.632.	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 32.621-3</b>	<b>Telecommunication Management; Configuration Management; Part 3: Core network resources 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 32.633.	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 32.621-4</b>	<b>Telecommunication Management; Configuration Management; Part 4: Core network resources 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: 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 32.107 (pars) SP-12: stopped. See 32.634.	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 32.622-1</b>	<b>Telecommunication Management; Configuration Management; Part 1: UTRAN network resources 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: 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 32.641.	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 32.622-2</b>	<b>Telecommunication Management; Configuration Management; Part 2: UTRAN network resources IRP: NRM</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 32.106-5 (pars) SP-12: stopped. See 32.642.	
				<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 WITHDRAWN specs Rel-4 32 .- series  
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**TS 32.623-4 Telecommunication Management; Configuration Management; Part 4: GERAN network resources 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:* *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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Server WITHDRAWN specs Rel-4 32 .- series  
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**33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**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:*

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Server WITHDRAWN specs Rel-4 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**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>TS 41.001</b>	<b>GSM Specification set</b>						
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11		<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>						
	SP-10 03/12/2000 1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> ->41.102, renumbered at TSG#10.			
				<i>remarks - this release:</i> ->41.102 TSG#10:1.0.0			

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

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**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 42.048 Security mechanisms for the SIM Application Toolkit; Stage 1**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*history (event, available, version,*  
TP-11 09/04/2001 4 . 0 . 0 withdrawn at TP-12

*WG (prime / other):* T3 / S3 *rapporteur:* BARNES, Nigel  
*G: yes U:* *MCC:* SANDERS, Michael

MOTOROLA Ltd

[get it](#) *remarks - general:* TP-12: Becomes 22.048.  
*remarks - this release:* TP-12: Becomes 22.048.

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**TS 42.053 Tandem Free Operation (TFO); Service description; Stage 1**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*history (event, available, version,*

*WG (prime / other):* S4 / *rapporteur:* NAVARRO, William  
*G: yes U:* *MCC:* USAI, Paolino

NORTEL NETWORKS (EUROPE)

*remarks - general:* Scrapped - see 22.053, Rel-4 onwards.  
*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 Rel-4 42 .- series  
[http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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**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 43.048 Security Mechanisms for SIM Toolkit Application; Stage 2**

Rel-4 *current version:* 4.0.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

TP-11 09/04/2001 4 . 0 . 0 withdrawn at TP-12

*WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd  
*G: yes U:* *MCC:* SANDERS, Michael

[get it](#) *remarks - general:* TP-12: replaced by 23.048.

*remarks - this release:* TP-12: replaced by 23.048.

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**TS 43.071 Location services (LCS); Stage 2**

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:* BROOK, Richard SAMSUNG Electronics Research Institute  
*G: yes U:* *MCC:* SULTAN, Alain

*remarks - general:* Superseded by 23.271 Rel-4.

*remarks - this release:* Superseded by 23.271 Rel-4.

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

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**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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<b>TS 45.004</b>	<b>Modulation</b>					
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation
	<i>freeze_meeting:</i> SP-11			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino	
	<i>history (event, available, version,</i>					
	GP-04 18/06/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	GP-05 29/06/2001 4 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> Rel-4 record created in error.	

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

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**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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<b>TS 48.062</b>	<b>Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3</b>			
Rel-4	<i>current version:</i> none	<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>			
			<i>remarks - general:</i> -> 28.062	
			<i>remarks - this release:</i> -> 28.062	

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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 48 .- series  
[http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

**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,* 4 . 0 . 0 not to be produced  
SP-11

*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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**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 51.014 Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

*WG (prime / other):* T3 / - *rapporteur:* WOODSEND, Kristian ASPECTS Software Ltd  
*G:* yes *U:* *MCC:* SANDERS, Michael

*remarks - general:*

*remarks - this release:* TSG-T agreed not to have a rel-4 version. The 3G equivalent (31.111) will be upgraded to include a GSM-only annex

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Server WITHDRAWN specs Rel-4 51 .- series  
[http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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



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Server WITHDRAWN specs Rel-4 52 .- series  
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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/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

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R00

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

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Server WITHDRAWN specs R00 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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

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Server WITHDRAWN specs R00 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

<b>TS 03.20</b>	<b>Security-related Network Functions</b>					
R00	current version: 9.0.0 freeze_meeting: SP-11	WG (prime / other): S3 / NP / GP	rapporteur: NGUYEN NGOC, Sebastien MCC: POPE, Maurice	France Telecom		
	history (event, available, version, smg-32 16/01/2001 9 . 0 . 0	G: yes U:	<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 MCC: USAI, Paolino	NOKIA Corporation		
	history (event, available, version,	G: yes U:	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): GP / -	rapporteur: LIVINGSTON, Margaret MCC: USAI, Paolino	NOKIA Corporation		
	history (event, available, version, draft 30/05/2000 0 . 0 . 1	G: yes U:	<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 MCC: JORGENSEN, Per Johan	Nortel Networks (USA)		
	history (event, available, version, smg-32 20/06/2000 9 . 0 . 0	G: yes U:	<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 MCC: JORGENSEN, Per Johan	DETECON GMBH		
	history (event, available, version, smg-30 20/06/2000 9 . 0 . 0	G: yes U:	<a href="#">get it</a> remarks - general: remarks - this release: #32:9.0.0 TSG#8:9.0.0->43.069v4.0.0			

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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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<b>TS 04.18</b>	<b>Mobile radio interface layer 3 specification; Radio Resource Control Protocol</b>				
R00	current version: 9.0.0	WG (prime / other): G2 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, smg-32 20/06/2000 9 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: Aug00: replaced by 44.018		
<hr/>					
<b>TS 04.68</b>	<b>Group Call Control (GCC) Protocol</b>				
R00	current version: 9.0.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting:	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version, smg-32 20/06/2000 9 . 0 . 0 >44.069v4.0.0	<a href="#">get it</a>	remarks - general:		
			remarks - this release:		
<hr/>					
<b>TS 04.69</b>	<b>Broadcast Call Control (BCC) protocol</b>				
R00	current version: 9.0.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting:	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version, smg-32 20/06/2000 9 . 0 . 0 ->44.069v4.0.0	<a href="#">get it</a>	remarks - general:		
			remarks - this release:		

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## 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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<b>TS 08.08</b>	<b>Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>				
R00	current version: 9.0.0	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	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: #32:9.0.0 Aug00: replaced by 48.008	
smg-30 bis	06/12/1999	8 . 2 . 0	<a href="#">get it</a>		
smg-31	16/02/2000	8 . 3 . 0	<a href="#">get it</a>		
smg-31 bis	17/04/2000	8 . 4 . 0	<a href="#">get it</a>		
Fix graphics	16/05/2000	8 . 4 . 1	<a href="#">get it</a>		
smg-32	20/06/2000	8 . 5 . 0	<a href="#">get it</a>		
smg-32	20/06/2000	9 . 0 . 0	<a href="#">get it</a>		

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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 10.99</b>	<b>GERAN project plan and open issues</b>					
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		<a href="#">get it</a>	remarks - general:		
				remarks - this release: .		

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**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 01.56</b>	<b>GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements</b>	
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S1 / - <i>rapporteur:</i> MESSIET, Samira ALCATEL S.A.
	<i>freeze_meeting:</i>	<i>G:</i> yes <i>U:</i>
	<i>history (event, available, version,</i>	<i>MCC:</i> CLAYTON, Michael
	Withdrawn 16/11/2000 8 . 0 . 0	
		<a href="#">get it</a> <i>remarks - general:</i>
		<i>remarks - this release:</i> CTS is dead duck

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## 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>				
R99	<i>current version:</i> 8.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-29 25/06/1999 8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> TSG#6: ->3G		
	smg-30 25/10/2001 8 . 2 . 0	<a href="#">get it</a>			
	ETSI publication 30/10/2001 8 . 2 . 1	<a href="#">get it</a>			
<hr/>					
<b>TS 02.02</b>	<b>Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)</b>				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
<b>TS 02.03</b>	<b>Teleservices Supported by a GSM Public Land Mobile Network (PLMN)</b>				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	Deutsche Telekom MobilNet GmbH	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-30 11/11/1999 8 . 0 . 0 withdrawn	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #30: 8.0.0 TSG#6->3g		
<hr/>					
<b>TS 02.04</b>	<b>General on Supplementary Services</b>				
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-29 26/06/1999 8 . 1 . 0 withdrawn (becomes 22.004)	<a href="#">get it</a>	<i>remarks - this release:</i>		

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<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			
	smg-30 11/11/1999	8	.	1	.	0	withdrawn	<a href="#">get it</a>	remarks - general:
								<a href="#">get it</a>	remarks - this release: TSG#6: withdrawn
<hr/>									
<b>TS 02.19</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API); Service description; Stage 1</b>								
R99	current version: 8.0.0	WG (prime / other):	T3 / -	rapporteur:	DIETRICH, Christian	Schlumberger Systemes S.A.			
	freeze_meeting: SP-12	G: yes	U:	MCC:	SANDERS, Michael				
	history (event, available, version,								
	TP-12	8	.	0	.	0			
									remarks - general: SMG9->T3@#31
									remarks - this release: Target: Mid-2001; must await stable 11.14 R99. TP-12: approved
<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:	MUHONEN, Ahti	NOKIA Corporation			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-28 12/02/1999	8	.	0	.	0			
	smg-29 25/06/1999	8	.	1	.	0	withdrawn -> 22.034	<a href="#">get it</a>	remarks - general:
								<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.
<hr/>									
<b>TS 02.40</b>	<b>Procedures for Call Progress Indications</b>								
R99	current version: 8.0.0	WG (prime / other):	S1 / NP	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-30 11/11/1999	8	.	0	.	0	withdrawn	<a href="#">get it</a>	remarks - general:
									remarks - this release: R99 -> 22.101

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				Server		<a href="http://www.3gpp.org/ftp/Specs/archive/02_series">http://www.3gpp.org/ftp/Specs/archive/02_series</a>	
<b>TS 02.42</b>	<b>Network Identity and Timezone (NITZ); Service Description, Stage 1</b>						
R99	current version: 8.0.0	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 8 . 0 . 0						
	withdrawn -> 22.042			<a href="#">get it</a>	remarks - general:		
					remarks - this release:		
<b>TS 02.57</b>	<b>Mobile Station Application Execution Environment (MExE) 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-29 25/06/1999 8 . 0 . 0						
				<a href="#">get it</a>	remarks - general:		
					remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)		
<b>TS 02.60</b>	<b>General Packet Radio Service Stage 1 Description</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						
	smg-29 25/06/1999 8 . 1 . 0			<a href="#">get it</a>	remarks - general:		
				<a href="#">get it</a>	remarks - this release: #28: 8.0.0 #29: 8.1.0 (deleted, moved to 3GPP)		
<b>TS 02.78</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)</b>						
R99	current version: 8.0.0	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 8 . 0 . 0						
				<a href="#">get it</a>	remarks - general:		
					remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)		
<b>TS 02.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>						
R99	current version: 8.0.0	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 8 . 0 . 0						
				<a href="#">get it</a>	remarks - general:		
					remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)		

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**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 / -  
*G: yes U:*

S1 / -

*rapporteur:* SLOTTE, Sverre  
*MCC:* CLAYTON, Michael

NOKIA Corporation

[get it](#)

*remarks - general:*

*remarks - this release:* #28: 8.0.0 (to be deleted, moved to 3GPP)

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<b>TS 03.01</b>	<b>Network Functions</b>					
R99	current version: 8.0.0	WG (prime / other): S2 / NP	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB		
	freeze_meeting:	G: yes U:	MCC: SULTAN, Alain			
	history (event, available, version, Upgrade to R99 30/06/2000					8 . 0 . 0
		<a href="#">get it</a>	remarks - general: SMG3->SA2 @ TSG#7			
			remarks - this release: Never produced; make do with R98 version.			
<hr/>						
<b>TR 03.43</b>	<b>Support of Videotex</b>					
R99	current version: 8.0.0	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, frozen at v7 20/11/2000 (withdrawn)					8 . 0 . 0
		<a href="#">get it</a>	remarks - general:			
			remarks - this release: Frozen at v7			
<hr/>						
<b>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>					
R99	current version: 8.0.0	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: RODERMUND, Friedhelm			
	history (event, available, version, Upgrade to R99 30/06/2000					8 . 0 . 0
		<a href="#">get it</a>	remarks - general:			
			remarks - this release: Frozen at v7			
<hr/>						
<b>TR 03.47</b>	<b>Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)</b>					
R99	current version: 8.0.0	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: RODERMUND, Friedhelm			
	history (event, available, version, Upgrade to R99 30/06/2000					8 . 0 . 0
		<a href="#">get it</a>	remarks - general:			
			remarks - this release: Frozen at v7			

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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>								
R99	current version: 8.0.0	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	ETSI Secretariat					
	freeze_meeting:	G: yes U:	MCC: RODERMUND, Friedhelm						
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0		<a href="#">get it</a>	remarks - general:					remarks - this release: Frozen at v7
<hr/>									
<b>TS 03.56</b>	<b>GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2</b>								
R99	current version: 8.0.0	WG (prime / other): S2 / -	rapporteur: ROBERTS, Martin	Nortel					
	freeze_meeting:	G: yes U:	MCC: SULTAN, Alain						
	history (event, available, version, Upgrade to R99 01/05/2000 8 . 0 . 0		<a href="#">get it</a>	remarks - general:					remarks - this release: Never produced; make do with R98 version.
<hr/>									
<b>TS 03.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>								
R99	current version: 8.0.0	WG (prime / other): N4 / -	rapporteur: POTHS, Annette	MANNESMANN Mobilfunk GmbH					
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo						
	history (event, available, version, smg-28 12/02/1999 8 . 0 . 0		<a href="#">get it</a>	remarks - general:					remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)

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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>							
R99	<i>current version:</i> <b>Switching Centre (BSS - MSC) interface</b>	8.0.0	<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>							
	<i>smg-29 25/06/1999 8 . 0 . 0</i>				<a href="#">get it</a>	<i>remarks - general:</i>		
						<i>remarks - this release:</i>	#29: 8.0.0 (to be deleted, moved to 3GPP)	

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<b>TS 04.94</b>	<b>Follow Me Service description; Stage 3</b>							
R99	<i>current version:</i> none		<i>WG (prime / other):</i>	- / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG	
	<i>freeze_meeting:</i>		G: yes	U:	<i>MCC:</i>	,		
	<i>history (event, available, version,</i>							
						<i>remarks - general:</i>	TF139 proposes to abandon; not needed. USSD does all.	
						<i>remarks - this release:</i>	scrapped whilst still on starting block	

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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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**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 *WG (prime / other):* G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*

*remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.  
*remarks - this release:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.  
Changed from G2 to G1 at same time.  
R99 will not be produced (source: Usai 2001-01-05)

# 3GPP specification status

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Server WITHDRAWN specs R99 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

**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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<b>TS 07.01</b>	<b>General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)</b>				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIJK, Rune Werner	Telefon AB LM Ericsson	
	<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 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)
<hr/>					
<b>TS 07.02</b>	<b>Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities</b>				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIJK, Rune Werner	Telefon AB LM Ericsson	
	<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 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)
<hr/>					
<b>TS 07.03</b>	<b>Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities</b>				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIJK, Rune Werner	Telefon AB LM Ericsson	
	<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 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)
<hr/>					
<b>TS 07.08</b>	<b>GSM Application Programming Interface</b>				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	ETSI Secretariat	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i> Creation of R99 30/06/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		<i>remarks - this release:</i> Frozen at v5

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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)

**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>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)</b>	8.0.0	WG (prime / other):	N3	/-	rporteur:	KLEHN, Norbert
R99	current version: Network (PSTN)						
SIEMENS AG							
	freeze_meeting:	G: yes	U:	MCC:			BOSWARTHICK, David
	history (event, available, version, smg-29 25/06/1999 8 . 0 . 0						
			<a href="#">get it</a>	remarks - general:			
				remarks - this release:			#29: 8.0.0 (to be deleted, moved to 3GPP)

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<b>TS 09.14</b>	<b>Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling</b>		WG (prime / other):	SPA / N4	rporteur:	SPORTON, Simon	VODAFONE Group Plc
R99	current version: 8.0.0						
	freeze_meeting:	G: yes	U:	MCC:			
	history (event, available, version, WITHDRAWN 29/05/2000 8 . 0 . 0						
			<a href="#">get it</a>	remarks - general:			EN 302 646
				remarks - this release:			May00: Possibly no need for an update.

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<b>TS 09.18</b>	<b>General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification</b>		WG (prime / other):	N1 / -	rporteur:	MILLS, Duncan	VODAFONE Group Plc
R99	current version: 8.0.0						
	freeze_meeting:	G: yes	U:	MCC:			JORGENSEN, Per Johan
	history (event, available, version, smg-29 25/06/1999 8 . 0 . 0						
			<a href="#">get it</a>	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 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## 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 10.43 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!  
smg-28 30/06/1999 1 . 11 . 0  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #25: 1.11.0 #30b: 1.11.0 2001-April:Clayton: stopped.

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

# 3GPP specification status

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Server WITHDRAWN specs R99 10 .- series  
[http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

## 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

<b>TS 11.10-2</b>	<b>Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification</b>					
R99	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, Upgrade to R99 30/06/2000 8 . 0 . 0	G: yes U:	MCC: CLAYTON, Michael		<a href="#">get it</a> remarks - general: 2001-11-19: G4->G5. remarks - this release: proposed, but nya; flagged as withdrawn at SMG#32 to make life easier	
<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: CLAYTON, Michael		<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	rapporteur: SALMERON, Lidia	ETSI Secretariat		
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0	G: yes U:	MCC: CLAYTON, Michael		<a href="#">get it</a> remarks - general: 2001-11-19: G4->G5. remarks - this release: May 00: R99 not anticipated.	
<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: SANDERS, Michael		<a href="#">get it</a> remarks - general: remarks - this release: May 00: R99 not anticipated.	

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

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Server WITHDRAWN specs R99 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 11.18 Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface**  
R99 *current version: 8.0.0* WG (prime / other): T3 / - rapporteur: LINDHOLM, Rune NOKIA MOBILE PHONES  
*freeze\_meeting:* G: yes U: MCC: SANDERS, Michael  
*history (event, available, version,*  
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* Sanders Oct 2000: Effectively replaced by 31.101.

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Server WITHDRAWN specs R99 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## 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 21.010</b>	<b>reserved</b>								
R99	current version: none			WG (prime / other): SP / -	rapporteur: VACANT,				
	freeze_meeting:			G: U: yes	MCC: POPE, Maurice				
	history (event, available, version,							remarks - general:	
								remarks - this release:	3.0.0 dates from June 99
<hr/>									
<b>TS 21.100</b>	<b>3G specification handling procedures</b>								
R99	current version: 1.0.0		DRAFT	WG (prime / other): - / -	rapporteur: MEREDITH, John M		ETSI Secretariat		
	freeze_meeting:			G: U: yes	MCC: ,				
	history (event, available, version,							remarks - general:	Knobbed prior to SA#8.
	SP-08 28/06/2000 1 . 0 . 0			<a href="#">get it</a>				remarks - this release:	
<hr/>									
<b>TS 21.906</b>	<b>reserved</b>								
R99	current version: 3.0.0			WG (prime / other): /	rapporteur: CLAYTON, Michael		ETSI Secretariat		
	freeze_meeting:			G: U: yes	MCC:				
	history (event, available, version,							remarks - general:	
	First complete 04/03/1999 0 . 0 . 0			<a href="#">get it</a>				remarks - this release:	.
	SP-03 3 . 0 . 0								

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

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

### TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1

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 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-08 28/06/2000 3 . 1 . 0 [get it](#) *remarks - this release:* Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.

### TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1

R99 *current version:* 3.0.0 *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,*  
SP-06 3 . 0 . 0 *remarks - general:* Transfer>TSG#4.  
*remarks - this release:* 2001-01-22: Scrapped. 02.53 is retained.

### TR 22.907 Terminal concepts

R99 *current version:* 3.1.3 *WG (prime / other):* - / - *rapporteur:* TOLVANEN, Mika NOKIA MOBILE PHONES  
*freeze\_meeting:* SP-03 *G: U: yes* *MCC:* ,  
*history (event, available, version,*  
Table of Contents 19/10/1997 0 . 0 . 2 [get it](#) *remarks - general:* CR at TSG#4 Not maintained  
and Scope [get it](#) *remarks - this release:* Withdrawn (Clayton 2000-02-11)  
First complete 19/12/1997 1 . 0 . 0 [get it](#)  
WG approval 15/02/1998 2 . 0 . 0 [get it](#)  
TB approval 20/03/1998 3 . 0 . 0 [get it](#)  
SP-03 22/04/1999 3 . 1 . 2 [get it](#)  
SP-04 23/06/1999 3 . 1 . 3 [get it](#)

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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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## TR 22.924 Charging and accounting mechanisms

R99 *current version:* 3.1.1  
*freeze\_meeting:* SP-03

*WG (prime / other):* - / - *rapporteur:* MONTEGROSSO, Emanuele TELECOM ITALIA S.p.A.

*G:* *U:* yes *MCC:* ,

*history (event, available, version,*

Table of Contents 19/10/1997 0 . 0 . 1  
and Scope

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

First complete 19/12/1997 1 . 2 . 1

[get it](#)

WG approval 15/02/1997 2 . 0 . 0

[get it](#)

Under TB change 20/03/1998 3 . 0 . 0  
control

[get it](#)

TB approval 15/02/1999 3 . 1 . 0

[get it](#)

SP-03 23/04/1999 3 . 1 . 1

[get it](#)

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## TR 22.925 Quality of Service (QoS) and network performance

R99 *current version:* 3.1.1  
*freeze\_meeting:* SP-03

*WG (prime / other):* - / - *rapporteur:* ERIKSSON, Olle Telefon AB LM Ericsson

*G:* *U:* yes *MCC:* ,

*history (event, available, version,*

First complete 13/06/1997 1 . 1 . 0

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

WG approval 19/12/1997 2 . 0 . 0

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

TB approval 20/03/1998 3 . 0 . 0

[get it](#)

SP-03 23/04/1999 3 . 1 . 1

[get it](#)

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## TR 22.960 Mobile multimedia services

R99 *current version:* 3.0.1  
*freeze\_meeting:* SP-03

*WG (prime / other):* - / - *rapporteur:* AHNBERG, Tomas Indicate persons who left Company and wait for new One

*G:* *U:* yes *MCC:* ,

*history (event, available, version,*

Table of Contents 17/10/1997 0 . 0 . 4  
and Scope

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

First complete 19/12/1997 1 . 0 . 0

[get it](#)

WG approval 15/02/1997 2 . 0 . 0

[get it](#)

SP-03 23/04/1999 3 . 0 . 1 withdrawn

[get it](#)

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

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**TR 22.970 Virtual Home Environment Report**

R99 *current version:* 3.0.1  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
Table of Contents 19/10/1997 0 . 0 . 7  
and Scope  
First complete 19/12/1997 1 . 0 . 0  
WG approval 15/02/1998 2 . 0 . 0  
TB approval 20/03/1998 3 . 0 . 0  
SP-03 23/04/1999 3 . 0 . 1

*WG (prime / other):* - / - *rapporteur:* OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited  
*G:* *U:* yes *MCC:* ,

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

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**TR 22.972 Circuit-switched multimedia**

R99 *current version:* 0.0.0 DRAFT  
*freeze\_meeting:* SP-06  
*history (event, available, version,*  
First complete 23/04/1999 0 . 0 . 0

*WG (prime / other):* - / - *rapporteur:* CLAYTON, Michael ETSI Secretariat  
*G:* *U:* yes *MCC:* ,

[get it](#) *remarks - general:* Title grows "cct sw".  
*remarks - this release:* 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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Server WITHDRAWN specs R99 22 .- series  
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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)

<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		
<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:	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		
<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		
<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		
<b>TS 23.045</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>				
R99	current version: 3.0.0	WG (prime / other): - / -	rapporteur: DI TRIA, Paolo	Telecom Italia Lab S.p.A.	
	freeze_meeting: SP-08	G: U: yes	MCC: ,		
	history (event, available, version, SP-03 23/04/1999 3 . 0 . 0	<a href="#">get it</a>	remarks - general: Version 8.x.x exists		
			remarks - this release: 3.0.0 Apr 99 - reverts to 03.45 v8.0.0		

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

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Server WITHDRAWN specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.046 Technical realisation of facsimile Group 3 service - non-transparent**

R99 *current version:* 3.0.0 *WG (prime / other):* - / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ,  
*history (event, available, version,*  
SP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* superseded by 23.146  
*remarks - this release:* 3.0.0 Apr 99

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**TS 23.054 Shared Interworking Functions (SIWF); Stage 2**

R99 *current version:* 3.0.0 *WG (prime / other):* N3 / - *rapporteur:* ROSTÖ, Tommy TELIA AB  
*freeze\_meeting:* SP-03 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 NP-13: withdrawn [get it](#) *remarks - general:*  
*remarks - this release:* NP-13: withdrawn.

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**TS 23.069 Voice Broadcast service (VBS); Stage 2**

R99 *current version:* 3.0.0 *WG (prime / other):* N1 / - *rapporteur:* DETTNER, Harald SIEMENS AG  
*freeze\_meeting:* *G:* *U:* yes *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* Reverts to 03.69 R99.  
*remarks - this release:* 3.0.0 Apr 99 - Reverts to 03.69 R99.

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**TS 23.070 Routing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)**

R99 *current version:* 3.0.0 *WG (prime / other):* - / - *rapporteur:* KOSYDAR, L AT&T NSI  
*freeze\_meeting:* SP-03 *G:* yes *U:* yes *MCC:* ,  
*history (event, available, version,*  
SP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* N3 indicates not required for R99, so revert to 03.70 R98.  
*remarks - this release:* withdrawn N#6

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**TS 23.071 Location services (LCS) stage 2**

R99 *current version:* 3.0.0 *WG (prime / other):* - / - *rapporteur:* STEER, David G NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* ,  
*history (event, available, version,*  
SP-04 30/05/1999 3 . 0 . 0 [get it](#) *remarks - general:* superseded by 25.305  
*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/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

**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 24.012</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>				
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> G2 / N2	<i>rapporteur:</i> AL -BAKRI, Ban	MOTOROLA S.A.	
	<i>freeze_meeting:</i> SP-05	<i>G: yes U: yes</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	SP-05 13/10/1999 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4; N#9;proposed to scrap this spec and return it to 2g status (04.12		
			<i>remarks - this release:</i> Replaced by 04.12 R99. R99) and shift responsibility to G2 (and should have been		
			txfer to G2, but still as 24.012.		
<hr/>					
<b>TS 24.065</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP)</b>				
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-12	<i>G: U: yes</i>	<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> Scrapped: is GSM only		
	NP-04 27/05/1999 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> 2000-02-14: To revert to 2g only 04.65, 24.165 may be required. 2000-11-08		
			withdrawn; not required for 3G.		
<hr/>					
<b>TS 24.068</b>	<b>Group Call Control (GCC) Protocol</b>				
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i>	<i>G: U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-03 3 . 0 . 0		<i>remarks - general:</i> GSM only for R99.		
	NP-04 3 . 1 . 0		<i>remarks - this release:</i> GSM only for R99.		
<hr/>					
<b>TS 24.069</b>	<b>Broadcast Call Control (BCC) protocol</b>				
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i>	<i>G: U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-03 3 . 0 . 0		<i>remarks - general:</i> GSM only for R99.		
	NP-04 3 . 1 . 0		<i>remarks - this release:</i> GSM only for R99.		

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

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**TS 24.094 Follow Me; Stage 3**  
R99 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

WG (prime / other): - / - *rapporteur:* BERGMANN, Ansgar ETSI Secretariat  
G: U: yes *MCC:* ,

*remarks - general:* TF139 proposes to abandon; not needed. USSD does all.  
*remarks - this release:* USSD does all. No draft expected.

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

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**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> - / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-07		<i>G:</i> U: yes	<i>MCC:</i> ,		
	<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> June99: 1.1.0		
<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 - Withdrawn 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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**TS 26.122 Technical Specification for Tandem Free Operation between 3G and 2G networks**  
R99 *current version: none* WG (prime / other): - / - *rapporteur:* OHANA, Alain Cingular Wireless LLC  
*freeze\_meeting:* SP-07 G: U: yes *MCC:* ,  
*history (event, available, version,* *remarks - general:*  
*remarks - this release: .*

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**TS 26.133 Wide band speech telephony terminal acoustic characteristics**  
R99 *current version: none* WG (prime / other): S4 / *rapporteur:* BARRETT, Paul BT Group Plc  
*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 26.134 Wide band speech telephony terminal acoustic test specification**  
R99 *current version: none* WG (prime / other): S4 / *rapporteur:* BARRETT, Paul BT Group Plc  
*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 26.135 Terminal Display and Camera Characteristics for H.324 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 26.136 Terminal Display and Camera Test Specifications for H.324 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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G = required in systems with GERAN acces; U = required in systems with UMTS

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<b>TS 26.137</b>	<b>Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony</b>					
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: .	
<hr/>						
<b>TS 26.138</b>	<b>Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony</b>					
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: .	
<hr/>						
<b>TR 26.913</b>	<b>Quantitative performance evaluation of real-time packet switched multimedia services over 3G</b>					
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	<a href="#">get it</a>	remarks - general:		
	SP-04 23/06/1999	0 . 0 . 1	<a href="#">get it</a>	remarks - this release:	No work, will never appear as 3.0.0 (Usai, Mar 2001) 2001-07:Usai: withdrawn.	

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

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<b>TS 28.062</b>	<b>Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3</b>				
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	<a href="#">get it</a>	remarks - general: Transfer>TSG#4		
			remarks - this release: withdrawn from 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 28 .- 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>freeze_meeting:</i> SP-08
<i>history (event, available, version,</i>	<i>WG (prime / other): - / - rapporteur: BOSWARTHICK, David ETSI Secretariat</i>
SP-03 23/04/1999 3 . 0 . 0	<i>G: U: yes MCC: ,</i>
	<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> May 99: 3.0.0

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<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>freeze_meeting:</i> SP-08
<i>history (event, available, version,</i>	<i>WG (prime / other): - / - rapporteur: BOSWARTHICK, David ETSI Secretariat</i>
SP-03 23/04/1999 3 . 0 . 0	<i>G: U: yes MCC: ,</i>
	<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> TSG#3: 3.0.0

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<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>freeze_meeting:</i> SP-03
<i>history (event, available, version,</i>	<i>WG (prime / other): - / - rapporteur: BRAUN, Achim ALCATEL SEL AG</i>
SP-03 23/04/1999 3 . 0 . 0	<i>G: yes U: yes MCC: ,</i>
	<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 N#6

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

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**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 32.008</b>	<b>Subscriber and Equipment trace</b>				
R99	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> SJÖBLOM, Kai	NOKIA Corporation
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>			<i>remarks - general:</i> Existence deduced from STF139 programme. But denied by Sjöblom.	
				<i>remarks - this release:</i> Not to be produced.	
<hr/>					
<b>TS 32.106</b>	<b>3G Configuration Management</b>				
R99	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-07		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			<i>remarks - general:</i> TSG#8: split into eight parts	
	SP-05 13/10/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> SP-08: multipart split from parent 3.0.1	
	SP-06 17/12/1999	1 . 1 . 0	<a href="#">get it</a>		
	SP-07	2 . 0 . 0			
	SP-07 17/03/2000	3 . 0 . 0	<a href="#">get it</a>		
	Editorial 17/03/2000	3 . 0 . 1	<a href="#">get it</a>		withdrawn SP-08
<hr/>					
<b>TS 32.111</b>	<b>3G Fault Management</b>				
R99	<i>current version:</i> 3.2.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CICCHITTO, Gaetano	SIEMENS Information and Communication Networks SpA
	<i>freeze_meeting:</i> SP-08		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			<i>remarks - general:</i> TSG#8: split into 4 parts	
	SP-05 13/10/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> Outstanding R99 issues. TSG#7:2.0.0(SP-000013), 3.0.0 TSG#8: multipart split	
	SP-06 17/12/1999	1 . 1 . 0	<a href="#">get it</a>	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	<a href="#">get it</a>		
	parts				
	Formatting 18/07/2000	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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<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	<i>current version:</i> <b>Document 1: General</b>
VODAFONE Group Plc	3.0.0
	<i>WG (prime / other):</i> S3
	<i>WG (prime / other):</i> /-
	<i>rapporteur:</i> WALKER, Michael
	<i>freeze_meeting:</i> SP-10
	<i>history (event, available, version,</i>
	SP-10 09/05/2001 3 . 0 . 0
	SAGE only supplied PDF, so no real deliverable yet available - SP-000630
	<a href="#">get it</a>
	<i>remarks - general:</i> ex SAGE
	<i>remarks - this release:</i> TSG#10:SP-000630, not to be published till OKed by Partners. TSG#10:3.0.0 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:</i> <b>Document 2: Algorithm specification</b>
VODAFONE Group Plc	3.0.0
	<i>WG (prime / other):</i> S3
	<i>WG (prime / other):</i> /-
	<i>rapporteur:</i> WALKER, Michael
	<i>freeze_meeting:</i> SP-10
	<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#10:3.0.0 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>
R99	<i>current version:</i> <b>Document 3: Implementors' test data</b>
VODAFONE Group Plc	3.0.0
	<i>WG (prime / other):</i> S3
	<i>WG (prime / other):</i> /-
	<i>rapporteur:</i> WALKER, Michael
	<i>freeze_meeting:</i> SP-10
	<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#10:3.0.0 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>
R99	<i>current version:</i> <b>Document 4: Design conformance test data</b>
VODAFONE Group Plc	3.0.0
	<i>WG (prime / other):</i> S3
	<i>WG (prime / other):</i> /-
	<i>rapporteur:</i> WALKER, Michael
	<i>freeze_meeting:</i> SP-10
	<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#10:3.0.0 TSG#11:changed to Rel-4

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Server WITHDRAWN specs R99 35 .- series  
[http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.209 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;**  
R99 *current version: Document 5: Summary and results of design and evaluation* 3.0.0WG (*prime / other*): S3 /- *rappporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-11 G: U: yes MCC: POPE, Maurice  
*history (event, available, version,*  
SP-11 3 . 0 . 0 *remarks - general:* ex SAGE  
*remarks - this release:* This turns out to be a report, so -> 35.909.

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Server

WITHDRAWN specs R99 35 .- series  
[http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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

UMTS

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

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Server WITHDRAWN specs UMTS 00 .- series  
[http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

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



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[http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

**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	current version: 3.1.0		WG (prime / other): SMG / -	rapporteur: RICHARDS, Derek	Lucent Technologies Network Systems UK
	freeze_meeting:		G: yes U:	MCC:	
	history (event, available, version,			remarks - general: ETSI ETR 291 withdrawn.	
	ETSI publication 15/05/1996 3 . 1 . 0	withdrawn		remarks - this release: ETSI ETR 291, withdrawn.	
<hr/>					
<b>TS 01.04U</b>	<b>Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS) (UMTS 01.04)</b>				
UMTS	current version: 3.0.0		WG (prime / other): /	rapporteur: ,	
	freeze_meeting:		G: yes U:	MCC:	
	history (event, available, version,			remarks - general:	
	smg-19 28/09/1996 3 . 0 . 0			remarks - this release: .	
<hr/>					
<b>TR 01.05U</b>	<b>System design methodology for the UMTS</b>				
UMTS	current version: 1.0.0	DRAFT	WG (prime / other): SMG / -	rapporteur: VACANT,	
	freeze_meeting:		G: yes U:	MCC:	
	history (event, available, version,			remarks - general:	
	draft 05/03/1997 1 . 0 . 0			remarks - this release: .	

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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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**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

*freeze\_meeting:*

*history (event, available, version,*

Suspended 10/04/1996 3 . 0 . 0

*animation*

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

*remarks - general:*

*remarks - this release:* .

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Server WITHDRAWN specs UMTS 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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

<b>TR 21.01U</b>	<b>Overall requirements on the radio interface(s) of the UMTS</b>				
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:	
<b>TR 21.02U</b>	<b>High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept</b>				
UMTS	current version: 3.0.1		WG (prime / other): GP / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:		G: U:	MCC: USAI, Paolino	
	history (event, available, version,				
	smg-22 13/06/1997	3 . 0 . 0		remarks - general:	
	ETSI publication 03/11/1998	3 . 0 . 1		remarks - this release:	
<b>TS 21.04U</b>	<b>Requirements for the support of data services in UMTS</b>				
UMTS	current version: 1.0.0	DRAFT	WG (prime / other): - / -	rapporteur: HOLLEY, Kevin	BT Group Plc
	freeze_meeting:		G: U:	MCC: ,	
	history (event, available, version,				
	draft 17/01/2000	1 . 0 . 0		remarks - general:	
				remarks - this release: #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	current version: 3.0.0		WG (prime / other): - / -	rapporteur: WEICHSELBAUM, Steffen	MANNESMANN Mobilfunk GmbH
	freeze_meeting:		G: U:	MCC: ,	
	history (event, available, version,				
	First complete 19/10/1997	1 . 0 . 0		remarks - general:	
	Milestone 1 19/12/1997	1 . 1 . 2		remarks - this release:	
	WG approval 17/02/1997	2 . 0 . 0			
	smg-25 20/03/1998	3 . 0 . 0			

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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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<b>TS 22.00U</b>	<b>UMTS Phase 1</b>					
UMTS	current version: 1.3.0	DRAFT	WG (prime / other): - / -	rapporteur: VERRIER, David	France Telecom	
	freeze_meeting:		G: U:	MCC: ,		
	history (event, available, version,					
	smg-27	1 . 0 . 0				remarks - general:
	draft 24/11/1998	1 . 3 . 0				remarks - this release:

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<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,					
	smg-21	3 . 0 . 0				remarks - general:
	smg-22	3 . 1 . 0				remarks - this release:
	smg-24	3 . 2 . 1				
	smg-27 17/10/1998	3 . 3 . 0				

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<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,					
	smg-25	3 . 0 . 0				remarks - general:
	smg-26 01/07/1998	3 . 1 . 0				remarks - this release:

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<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,					
	smg-25	3 . 0 . 0				remarks - general:
	smg-27	3 . 1 . 0				remarks - this release:
	edito 29/10/1998	3 . 1 . 1				

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**TS 22.21U Virtual Home Environment**  
UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

WG (prime / other): - / - *rapporteur:* OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited  
G: U: *MCC:* ,

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

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**TS 22.24U Charging and Accounting Mechanism**  
UMTS *current version: 3.0.0*  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-25 28/05/1998 3 . 0 . 0

WG (prime / other): - / - *rapporteur:* CHAMBERS, David MOTOROLA Ltd  
G: U: *MCC:* ,

*remarks - general:*  
*remarks - this release: #25: 3.0.0*

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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 SONERA Corporation  
G: U: *MCC:* ,

*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 Telecom Modus Limited  
G: U: *MCC:* ,

*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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**TS 22.45U Human Factors, service principles and their application to 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 22.50U Subscriber and service profile 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 22.55U UMTS user identity modules**

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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				Server	WITHDRAWN specs	UMTS	22	.- series
<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
<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
<b>TS 22.71U</b>	<b>Service aspects; Automatic Establishment of Roaming Relationships</b>							
UMTS	<i>current version:</i> 3.0.1		<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> smg-25 3 . 0 . 0 smg-27 17/10/1998 3 . 0 . 1							<i>remarks - general:</i> <i>remarks - this release:</i> #25: 3.0.0 #27: 3.0.1
<b>TS 22.72U</b>	<b>Real Time Multimedia in UMTS</b>							
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> FISCHER, Ralf				ROBERT BOSCH GmbH
	<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> .
<b>TS 22.75U</b>	<b>Service aspects; Advanced Addressing</b>							
UMTS	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> KLEIER, Stephan				MANNESMANN Mobilfunk GmbH
	<i>freeze_meeting:</i>		<i>G:</i> <i>U:</i>	<i>MCC:</i> ,				
	<i>history (event, available, version,</i> smg-25 2 . 0 . 0 smg-27 17/10/1998 3 . 0 . 0							<i>remarks - general:</i> <i>remarks - this release:</i> #25: 2.0.0 #27: 3.0.0

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**TR 22.80U UMTS Relationship to other Standards**

UMTS *current version:* 2.0.1 DRAFT

*WG (prime / other):* - / - *rapporteur:* AXERUD, Bo  
*G:* *U:* *MCC:* ,

NOKIA TELECOMMUNICATIONS FINLAND

*freeze\_meeting:*

*history (event, available, version,*

First complete 19/10/1997 1 . 0 . 2

WG approval 07/11/1997 2 . 0 . 0

Under TB change 20/03/1998 2 . 0 . 1

control.

Milestone 1 19/12/1997 2 . 0 . 1

*remarks - general:*

*remarks - this release:* #24: 2.0.1

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**TR 22.80U UMTS Relationship to other Standards**

UMTS *current version:* 2.0.1 DRAFT

*WG (prime / other):* - / - *rapporteur:* AXERUD, Bo  
*G:* *U:* *MCC:* ,

NOKIA TELECOMMUNICATIONS FINLAND

*freeze\_meeting:*

*history (event, available, version,*

First complete 19/10/1997 1 . 0 . 2

WG approval 07/11/1997 2 . 0 . 0

Under TB change 20/03/1998 2 . 0 . 1

control.

Milestone 1 19/12/1997 2 . 0 . 1

*remarks - general:*

*remarks - this release:* #24: 2.0.1

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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)

<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	
<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: .	
<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	MOTOROLA GmbH
	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	
<b>TS 23.20U</b>	<b>Evolution of the GSM platform towards UMTS</b>				
UMTS	current version: 1.0.0	DRAFT	WG (prime / other): S2 / -	rapporteur: JARVIS, Andre	Hutchison 3G UK Limited
	freeze_meeting:		G: U:	MCC: SULTAN, Alain	
history (event, available, version, smg-27	1 . 0 . 0			remarks - general:	
				remarks - this release: #27: for info	
<b>TS 23.40U</b>	<b>UMTS Network Aspects; Relationship with UPT</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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**TS 23.50U UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment**  
UMTS *current version: none* WG (prime / other): / rapporteur: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release: .*

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**TS 23.60U UMTS Network Aspects; UMTS data organization**  
UMTS *current version: none* WG (prime / other): / rapporteur: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release: .*

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**TS 23.70U UMTS Network Aspects; UMTS operations and procedures**  
UMTS *current version: none* WG (prime / other): / rapporteur: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release: .*

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**TS 23.80U UMTS Network Aspects; Signalling requirements for UMTS**  
UMTS *current version: none* WG (prime / other): / rapporteur: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release: .*

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**TS 23.90U UMTS Network Aspects; Network performance requirements**  
UMTS *current version: none* WG (prime / other): / rapporteur: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release: .*

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

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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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**TS 24.05U UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems**  
UMTS *current version:* none *WG (prime / other):* / *rapporteur:* ,  
*freeze\_meeting:* G: U: *MCC:*  
*history (event, available, version,* *remarks - general:*  
*remarks - this release:* .

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

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## 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 25.05U 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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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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**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 26.15U</b>	<b>Source coding aspects</b>	<b>Aspects; Integration of audio visual coding into 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> .

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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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**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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<b>TR 27.00U</b>	<b>Principles for handling of data services in the UMTS</b>					
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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Server WITHDRAWN specs UMTS 27 .- series  
[http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## 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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<b>TR 30.00U</b>	<b>SMG - UMTS Work programme</b>								
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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<b>TR 30.01U</b>	<b>UMTS Baseline document: Collection of the SMG's positions on the UMTS</b>								
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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<b>TR 30.02U</b>	<b>Experience from GSM standardisation to be applied at UMTS standardisation</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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G = required in systems with GERAN acces; U = required in systems with UMTS



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Server WITHDRAWN specs UMTS 30 .- series  
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<b>TR 30.03U</b>	<b>Selection procedures for the choice of radio transmission technologies of the UMTS</b>				
UMTS	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> BLANC, Patrick	ALCATEL CIT	
	<i>freeze_meeting:</i>	G: U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	TC change control 13/06/1997	3 . 0 . 0	<i>remarks - general:</i>		
	smg-23 17/10/1997	3 . 1 . 0	<i>remarks - this release:</i> #23: 3.1.0 #25: 3.2.0		
	smg-25 20/03/1998	3 . 2 . 0			
<b>TR 30.04U</b>	<b>Definition of the limited number of UTRA concepts</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>	G: U:	Peter Skov <i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	First complete 01/06/1997	1 . 0 . 0	<i>remarks - general:</i>		
	smg-22 14/06/1997	3 . 0 . 0	<i>remarks - this release:</i> #22: 3.0.0		
	ETSI publication 03/11/1998	3 . 0 . 1			
<b>TR 30.05U</b>	<b>UMTS terminology</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>		
	<i>freeze_meeting:</i>	G: U:	<i>MCC:</i> ,		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<b>TR 30.06U</b>	<b>UTRA Concept Evaluation Reports</b>				
UMTS	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat	
	<i>freeze_meeting:</i>	G: U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	First complete 01/12/1997	1 . 0 . 0	<i>remarks - general:</i>		
	smg-24 15/12/1997	3 . 0 . 0	<i>remarks - this release:</i> #24: 3.0.0		
<b>TR 30.20U</b>	<b>Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS</b>				
UMTS	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> RAPELI, Juha	PHILIPS CONSUMER COMMUNICATION	
	<i>freeze_meeting:</i>	G: U:	<i>MCC:</i> ,		
	<i>history (event, available, version,</i>				
	Creation of WI by 13/06/1997	2 . 0 . 0	<i>remarks - general:</i>		
	WG/TB		<i>remarks - this release:</i> #24: 3.1.0		
	TB approval 30/08/1997	3 . 0 . 0			
	smg-24 19/12/1997	3 . 1 . 0			

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**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>TR 32.01U</b>	<b>Overall principles of the OAM for the UMTS</b>					
UMTS	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> SMG / -	<i>rapporteur:</i> SZELAZEK, Bill	Hutchison 3G UK Limited	
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version, smg-22</i>	1 . 0 . 0		<i>remarks - general:</i>		
				<i>remarks - this release:</i> No progress since SMG#22.		

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

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**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

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Server WITHDRAWN specs UMTS 33 .- series  
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## 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*

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R98

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Server WITHDRAWN specs R98 02 .- series  
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**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 02.38 SIM application toolkit (SAT); Stage 1**

R98 *current version:* none

*freeze\_meeting:*

*history (event, available, version,*

*WG (prime / other):* S1 / SCP *rapporteur:* CARPENTER, Paul  
*G: yes U:* *MCC:* CLAYTON, Michael

Lucent Technologies Network Systems UK

*remarks - general:* Moved from T3 Jan-00.

*remarks - this release:* Place holder - no spec.

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Server WITHDRAWN specs R98 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**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 03.39</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>
R98	<i>current version:</i> 7.0.0
	<i>freeze_meeting:</i>
	<i>history (event, available, version,</i>
	TP-09 withdrawn 04/10/2000 7 . 0 . 0
	<i>WG (prime / other):</i> T2 / -
	<i>G:</i> yes <i>U:</i>
	<i>rapporteur:</i> HARRIS, Ian VODAFONE Group Plc
	<i>MCC:</i> RODERMUND, Friedhelm
	<a href="#">get it</a> <i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references
	<i>remarks - this release:</i> need identified 2000-03-29 TSG#9:withdrawn cos contains misleading information/references

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Server WITHDRAWN specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## 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 04.33 Lawful interception; Stage 3**  
R98 *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 04.53 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3**  
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  
draft 16/02/1998 1 . 0 . 0  
draft 27/03/1998 1 . 1 . 0  
draft 13/07/1998 1 . 2 . 1  
draft 31/07/1998 1 . 3 . 0  
draft 17/09/1998 1 . 3 . 5  
draft 18/09/1998 1 . 4 . 0  
draft 28/09/1998 1 . 5 . 0  
draft 05/10/1998 1 . 6 . 0

[get it](#) *remarks - general:* replaced by 08.62  
[get it](#) *remarks - this release:* #25: 1.0.0 for info #27: 1.6.0 for info  
[get it](#)  
[get it](#)  
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[get it](#)

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## 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

<b>TR 10.57</b>	<b>Project scheduling and open issues: Mobile Station Execution Environment (MExE)</b>								
R98	<i>current version:</i> 7.0.0			WG (prime / other):	T2 / -	<i>rapporteur:</i>	RODERMUND, Friedhelm	ETSI Secretariat	
	<i>freeze_meeting:</i>			G: yes	U:	MCC:	RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998	7	.	0	.	0	withdrawn SP-09	<a href="#">get it</a>	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references <i>remarks - this release:</i> TSG#9:withdrawn cos contains misleading information/references
<b>TS 10.71</b>	<b>Project scheduling and open issues:Location services (LCS)</b>								
R98	<i>current version:</i> 7.0.0			WG (prime / other):	S1 / -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i>			G: yes	U:	MCC:	CLAYTON, Michael		
	<i>history (event, available, version,</i>								
	Maui 17/01/1999	0	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
	Maui 20/01/1999	0	.	0	.	1		<a href="#">get it</a>	<i>remarks - this release:</i> #29: 7.0.0 #30: 2.0.6! #30b: 2.0.7 #31:2.1.0. 2001-01-24 Clayton: withdrawn.
	Chicago 31/01/1999	0	.	0	.	2		<a href="#">get it</a>	
	Chicago 04/02/1999	1	.	0	.	0		<a href="#">get it</a>	
	Cambridge 10/06/1999	2	.	0	.	0		<a href="#">get it</a>	
	Dallas 09/07/1999	2	.	0	.	1		<a href="#">get it</a>	
	San Diego 21/07/1999	2	.	0	.	2		<a href="#">get it</a>	
	Dallas 03/09/1999	2	.	0	.	3		<a href="#">get it</a>	
	King of Prussia 14/09/1999	2	.	0	.	4		<a href="#">get it</a>	
	Phoenix & Clearwater 30/10/1999	2	.	0	.	5		<a href="#">get it</a>	
	Raleigh 03/11/1999	2	.	0	.	6		<a href="#">get it</a>	
	smg-30 11/11/1999	2	.	0	.	6		<a href="#">get it</a>	
	Phoenix 29/11/1999	2	.	0	.	7		<a href="#">get it</a>	
	smg-30 bis 06/12/1999	2	.	0	.	7		<a href="#">get it</a>	
	Colorado Spring 03/01/2000	2	.	0	.	8		<a href="#">get it</a>	
	Dallas 05/01/2000	2	.	0	.	9		<a href="#">get it</a>	
	smg-31 24/01/2001	2	.	1	.	0		<a href="#">get it</a>	
	Puerto Vallarta 26/01/2000	3	.	0	.	0		<a href="#">get it</a>	
	smg-29 25/06/1999	7	.	0	.	0		<a href="#">get it</a>	

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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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<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	MANNESMANN Mobilfunk 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	MANNESMANN Mobilfunk 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

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 10.87 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

Deutsche Telekom MobilNet GmbH

*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.



## 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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<b>TS 11.10-2</b>	<b>Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification</b>				
R98	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G5 / S1 / NP / T2 / SCP / G4	<i>rapporteur:</i> SALMERON, Lidia	ETSI Secretariat	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
			<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		

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<b>TS 11.10-3</b>	<b>Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)</b>				
R98	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G5 / S1 / NP / T2 / SCP / G4	<i>rapporteur:</i> SALMERON, Lidia	ETSI Secretariat	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
			<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		

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<b>TS 11.10-4</b>	<b>Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification</b>				
R98	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G5 / G4	<i>rapporteur:</i> SALMERON, Lidia	ETSI Secretariat	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
			<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		

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<b>TS 11.26</b>	<b>GSM Repeater Equipment Specification</b>				
R98	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
			<i>remarks - general:</i> <i>remarks - this release:</i> Place holder only. No spec.		

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

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

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R97

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

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**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**

R97 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

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

*remarks - general:*  
*remarks - this release:* No spec this version.

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**TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0**

R97 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim BT Group Plc  
*G: yes U:* *MCC:* POPE, Maurice

*remarks - general:*  
*remarks - this release:* No spec this version.

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

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## 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.31</b>	<b>Fraud Information Gathering System (FIGS) Service description; Stage 1</b>				
R97	<i>current version: none</i>	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim		BT Group Plc
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> No spec this Release	
<b>TS 02.33</b>	<b>Lawful Interception; Stage 1</b>				
R97	<i>current version: none</i>	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie		MOTOROLA GmbH
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> (No spec this Release)	
<b>TS 02.38</b>	<b>SIM application toolkit (SAT); Stage 1</b>				
R97	<i>current version: none</i>	<i>WG (prime / other):</i> S1 / SCP	<i>rapporteur:</i> CARPENTER, Paul		Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i> Moved from T3 Jan-00.	
				<i>remarks - this release:</i> Place holder - no spec.	

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[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## 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>TS 03.04</b>	<b>Signalling Requirements Relating to Routing of Calls to Mobile Subscribers</b>								
R97	current version: 6.0.0 freeze_meeting:	WG (prime / other): N4 / SPA	rporteur: KYMALAINEN, Kimmo	ETSI Secretariat					
		N / T2							
		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 (To be withdrawn)						
<hr/>									
<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>								
R97	current version: 6.0.0 freeze_meeting:	WG (prime / other): T2 / -	rporteur: HARRIS, Ian	VODAFONE Group Plc					
		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: TSG#9:withdrawn cos contains misleading information/references remarks - this release: #27: 6.0.0TSG#9:withdrawn cos contains misleading information/references						
<hr/>									
<b>TS 03.61</b>	<b>General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2</b>								
R97	current version: 0.7.1 freeze_meeting:	DRAFT	WG (prime / other): - / -	rporteur: NAPER, Hans Petter	MOTOROLA GmbH				
		G: yes U:	MCC: ,						
history (event, available, version, draft 20/03/1998 0 . 7 . 1									
		<a href="#">get it</a>	remarks - general: Withdrawn since details included in the stage 3 spec. remarks - this release: .						
<hr/>									
<b>TS 03.62</b>	<b>General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 2</b>								
R97	current version: none freeze_meeting:		WG (prime / other): - / -	rporteur: BAUMANN, Jürgen	Deutsche Telekom MobilNet GmbH				
		G: yes U:	MCC: ,						
history (event, available, version,									
			remarks - general: remarks - this release: .						

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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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<b>TS 04.61</b>	<b>General Packet Radio Service (GPRS); Point-to-multipoint multicast; Stage 3</b>					
R97	<i>current version:</i> none	<i>WG (prime / other):</i>	/	<i>rapporteur:</i> LESKE, John	SCANDEW PTY Ltd	
	<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 04.62</b>	<b>General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3</b>					
R97	<i>current version:</i> 0.2.0	DRAFT	<i>WG (prime / other):</i>	/	<i>rapporteur:</i> LESKE, John	SCANDEW PTY Ltd
	<i>freeze_meeting:</i>		<i>G: yes U:</i>		<i>MCC:</i>	
	<i>history (event, available, version,</i>					
	Table of Contents 14/11/1996 0 . 2 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	and Scope			<i>remarks - this release:</i> .		

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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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<b>TR 05.21</b>	<b>DCS 1800; 4 Watt Mobile Power Class - study</b>	<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	TWINGLER, Jonas	Northstream AB
R97	<i>current version:</i> none	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>		
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>			<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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**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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<b>TS 08.64</b>	<b>GPRS support node - BSS protocol (SGSN_BSS) interface; BSSGP layer 3</b>					
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	<a href="#">get it</a>	remarks - general:		
				remarks - this release: .		

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**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 09.90 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

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**TR 09.94 Recommended Infrastructure Measures to Overcome Specific Phase 1 Mobile Stations Faults**

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* *G: yes U:* *MCC:* Peter Skov  
*history (event, available, version,*  
*smg-27 16/10/1998 6 . 0 . 0* [get it](#) *remarks - general:* v4.x.x belongs to all releases from ph2 onwards  
*remarks - this release:* #27: 6.0.0 SMG#30 Withdrawn

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

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## 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 10.01</b>	<b>GSM features and releases</b>						
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					
			<a href="#">get it</a>	remarks - general: 2001-11-20: stopped - obviously no interest!			
				remarks - this release: .			
<hr/>							
<b>TR 10.17</b>	<b>General Packet Radio Service (GPRS); Charging in GPRS</b>						
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					
			<a href="#">get it</a>	remarks - general: Scrapped.			
				remarks - this release: #25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)			
<hr/>							
<b>TR 10.20</b>	<b>Lawful Interception requirements for GSM</b>						
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					
			<a href="#">get it</a>	remarks - general: Replaced by 01.33.			
				remarks - this release: SMG#27:6.0.0; replaced by 01.33			
<hr/>							
<b>TS 10.60</b>	<b>General Packet Radio Services (GPRS); Project Scheduling and Open Issues</b>						
R97	current version: 6.0.0		WG (prime / other): S2 / -	rapporteur: PETERSEN, Johan	Telefon AB LM Ericsson		
	freeze_meeting:		G: yes U:	MCC: SULTAN, Alain			
	history (event, available, version, smg-25	6 . 0 . 0					
				remarks - general:			
				remarks - this release: #25: 6.0.0			

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## 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

<b>TS 11.10-2</b>	<b>Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification</b>				
R97	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G5 / S1 / NP / T2 / SCP / G4	<i>rapporteur:</i> SALMERON, Lidia	ETSI Secretariat	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
			<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		
<b>TS 11.10-3</b>	<b>Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)</b>				
R97	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G5 / S1 / NP / T2 / SCP / G4	<i>rapporteur:</i> SALMERON, Lidia	ETSI Secretariat	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
			<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		
<b>TS 11.10-4</b>	<b>Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification</b>				
R97	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G5 / G4	<i>rapporteur:</i> SALMERON, Lidia	ETSI Secretariat	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
			<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		
<b>TS 11.21</b>	<b>Base Station System (BSS) equipment specification; Radio aspects</b>				
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i>	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,		
	<i>history (event, available, version,</i> smg-27	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	6 . 0 . 0 never produced		<i>remarks - general:</i> <i>remarks - this release:</i> #27:6.0.0 (Rodermund: not required [Aug-00])		

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

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**TS 11.26 GSM Repeater Equipment Specification**

R97 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* G3 / - *rapporteur:* VACANT,  
*G: yes U:* *MCC:* RODERMUND, Friedhelm

*remarks - general:*  
*remarks - this release:* Place holder only. No spec.

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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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**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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<b>TS 12.03</b>	<b>Security Management</b>				
R97	<i>current version: none</i>		WG (prime / other): S5 / S1 /	rapporteur: ZOICAS, Adrian	ETSI Secretariat
	<i>freeze_meeting:</i>		NP		
	<i>history (event, available, version,</i>	G: yes U:		MCC: ZOICAS, Adrian	
				<i>remarks - general:</i>	
				<i>remarks - this release: No spec.</i>	
<hr/>					
<b>TS 12.04</b>	<b>Performance data measurements</b>				
R97	<i>current version: none</i>		WG (prime / other): S5 / S1 /	rapporteur: ZOICAS, Adrian	ETSI Secretariat
	<i>freeze_meeting:</i>		NP		
	<i>history (event, available, version,</i>	G: yes U:		MCC: ZOICAS, Adrian	
				<i>remarks - general:</i>	
				<i>remarks - this release: No spec.</i>	

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



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R96

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<b>TR 01.31</b>	<b>Fraud Information Gathering System (FIGS); Service requirements; Stage 0</b>					
R96	current version: 5.0.0	WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim	BT Group Plc		
	freeze_meeting:	G: yes U:	MCC: POPE, Maurice			
	history (event, available, version, smg-23 17/10/1997 5 . 0 . 0 withdrawn, smg-25				<a href="#">get it</a>	remarks - general: remarks - this release: #25: withdrawn
<hr/>						
<b>TR 01.50</b>	<b>Radio Local Loop (RLL) using GSM</b>					
R96	current version: 1.0.0	WG (prime / other): SMG /	rapporteur: CLAYTON, Michael	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, draft 07/11/1995 1 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TR 01.51</b>	<b>Dual mode of operation and roaming</b>					
R96	current version: none	WG (prime / other): SMG / -	rapporteur: VACANT,			
	freeze_meeting: SP-11	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					remarks - general: remarks - this release: .
<hr/>						
<b>TS 01.61</b>	<b>General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements</b>					
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
<hr/>						
<b>TS 01.78</b>	<b>Customized Applications for Mobile networks using Enhanced Logic (CAMEL); Stage 0</b>					
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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## 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 02.18</b>	<b>Interworking with non-GSM applications on the SIM to be accessed via the GSM network</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i>	/	<i>rapporteur:</i> SCHMIDT, Günter	DETEMOBIL GMBH
	<i>freeze_meeting:</i>	<i>G: yes</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 02.25</b>	<b>GSM - DCS roaming: Requirements and Stage 1 descriptions</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i>	/	<i>rapporteur:</i> LE ROUX, Alain	France Telecom
	<i>freeze_meeting:</i>	<i>G: yes</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 02.26</b>	<b>Operation of multi-band GSM/DCS 1800 network by a single operator</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i>	/	<i>rapporteur:</i> LJUNGGREN, Tommy	Northstream AB
	<i>freeze_meeting:</i>	<i>G: yes</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 02.27</b>	<b>DECT access to GSM networks</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i>	/	<i>rapporteur:</i> CONRAD, Alan	Deutsche Telekom MobilNet GmbH
	<i>freeze_meeting:</i>	<i>G: yes</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 02.28</b>	<b>UPT phase 1</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i>	/	<i>rapporteur:</i> KOSYDAR, L	AT&T NSI
	<i>freeze_meeting:</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	.

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<b>TS 02.29</b>	<b>Inter operation with UPT phase 2</b>					
R96	<i>current version:</i> none					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	TÖPFER, Armin	Indicate persons who left Company and wait for new One
		G: yes	U:	MCC:		
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
<b>TS 02.31</b>	<b>Fraud Information Gathering System (FIGS) Service description; Stage 1</b>					
R96	<i>current version:</i> 5.0.0					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	draft 13/05/1997	1	.	0	.	0
	draft 01/10/1997	2	.	0	.	0
	smg-23 17/10/1997	5	.	0	.	0
						withdrawn
				<a href="#">get it</a>		<i>remarks - general:</i>
				<a href="#">get it</a>		<i>remarks - this release:</i> #23: 5.0.0 #26:5.0.0 withdrawn
				<a href="#">get it</a>		
<hr/>						
<b>TS 02.33</b>	<b>Lawful Interception; Stage 1</b>					
R96	<i>current version:</i> 5.0.0					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996	5	.	0	.	0
						withdrawn SMG-25
				<a href="#">get it</a>		<i>remarks - general:</i>
						<i>remarks - this release:</i>
<hr/>						
<b>TS 02.35</b>	<b>Universal access to freephone numbers; Stage 1</b>					
R96	<i>current version:</i> none					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	COX, Alan	VODAFONE Group Plc
		G: yes	U:	MCC:		
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
<b>TS 02.36</b>	<b>Premium rate services; Stage 1</b>					
R96	<i>current version:</i> none					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	TÖPFER, Armin	Indicate persons who left Company and wait for new One
		G: yes	U:	MCC:		
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .

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<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:
<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,								remarks - general: SMG11->S4 at SMG#30
	smg-23	5 . 0 . 0							remarks - this release:
	smg-24	5 . 1 . 0	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,								remarks - general:
	smg-21	14/02/1997	5 . 0 . 0						remarks - this release: #21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: withdrawn
	smg-23	17/10/1997	5 . 1 . 0						
	smg-24	19/12/1997	5 . 2 . 0						
<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,								remarks - general:
	smg-24	19/12/1997	5 . 0 . 0						remarks - this release: #24: 5.0.0 @25: withdrawn

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<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
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael
	history (event, available, version,				Deutsche Telekom MobilNet GmbH
	smg-19 28/06/1996 5 . 0 . 0				
		<a href="#">get it</a>		remarks - general:	
				remarks - this release:	#19: 5.0.0 #25: withdrawn
<hr/>					
<b>TS 02.73</b>	<b>Malicious Call Identification (MCID) - stage 1</b>				
R96	current version: none	WG (prime / other):	/	rapporteur:	SHARP, Iain
	freeze_meeting:	G: yes U:		MCC:	
	history (event, available, version,				NORTEL NETWORKS (EUROPE)
				remarks - general:	
				remarks - this release:	.
<hr/>					
<b>TS 02.77</b>	<b>Emergency call TS12 with additional data transfer</b>				
R96	current version: none	WG (prime / other):	/	rapporteur:	CONRAD, Alan
	freeze_meeting:	G: yes U:		MCC:	
	history (event, available, version,				Deutsche Telekom MobilNet GmbH
				remarks - general:	
				remarks - this release:	.
<hr/>					
<b>TS 02.87</b>	<b>User-to-User Signalling (UUS) Service Description; Stage 1</b>				
R96	current version: 5.3.0	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael
	history (event, available, version,				Deutsche Telekom MobilNet GmbH
	smg-18 12/04/1996 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:	#18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #23: 5.3.0 #25: withdrawn
	smg-21 14/02/1997 5 . 2 . 0	<a href="#">get it</a>			
	edito 19/01/1996 5 . 2 . 1	<a href="#">get it</a>			
	smg-23 17/10/1997 5 . 3 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 02.92</b>	<b>Call Forward Enhancements (CFE) - Stage 1 description</b>				
R96	current version: none	WG (prime / other):	/	rapporteur:	RENAUD, Nicolas
	freeze_meeting:	G: yes U:		MCC:	
	history (event, available, version,				GEMPLUS Card International
				remarks - general:	
				remarks - this release:	.

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<b>TS 02.93</b>	<b>Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1</b>					
R96	current version: 5.5.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-16	5 . 0 . 0				remarks - general:
	smg-19	5 . 1 . 0				remarks - this release: #16: 5.0.0 #19: 5.1.0 #20: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0 #25: withdrawn
	smg-20	5 . 2 . 0				
	smg-22	5 . 3 . 0				
	smg-23	5 . 4 . 0				
	smg-24	5 . 5 . 0				

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<b>TS 02.96</b>	<b>Name Identification Supplementary Services; Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-24	5 . 0 . 0				remarks - general:
						remarks - this release: #24: 5.0.0 #25: withdrawn

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<b>TS 02.97</b>	<b>Multiple Subscriber Profile (MSP) 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	
	history (event, available, version,					
	smg-19 28/06/1996	5 . 0 . 0				remarks - general:
	smg-22 13/06/1997	5 . 1 . 0				remarks - this release: #19: 5.0.0 #22: 5.1.0 #23: 5.2.0 #25: withdrawn
	ETSI publication 15/09/1997	5 . 1 . 1				
	smg-23 17/10/1997	5 . 2 . 0				

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<b>TS 02.98</b>	<b>New barring services; Stage 1</b>					
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 02.99 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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<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	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	VODAFONE Group Plc	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i>	RODERMUND, Friedhelm	
	<i>history (event, available, version,</i>				
	TP-09 (Withdrawn) 28/09/2000 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	TSG#9:withdrawn cos contains misleading information/references	
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	#20: 5.0.0TSG#9:withdrawn cos contains misleading information/references	
<hr/>					
<b>TS 03.94</b>	<b>Follow Me Service description; Stage 2</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> VAN DER AREND,	KPN - Koninklijke PTT	Nederland NV
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i>	,	
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i>	.	
<hr/>					
<b>TS 03.95</b>	<b>Support of Private Numbering Plan (SPNP); Stage 2</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> /	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i>		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i>	Scrapped Jan 98.	
<hr/>					
<b>TS 03.98</b>	<b>New barring services; Stage 2 description</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> VAN DER AREND,	KPN - Koninklijke PTT	Nederland NV
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i>	,	
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i>	.	
<hr/>					
<b>TS 03.99</b>	<b>Direct Subscriber Access and Restriction (DSAR); Stage 2</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> VAN DER AREND,	KPN - Koninklijke PTT	Nederland NV
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i>	,	
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i>	.	

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<b>TS 04.36</b>	<b>Premium rate services - stage 3</b>								
R96	<i>current version:</i> none		<i>WG (prime / other):</i> /	<i>rapporteur:</i> TÖPFER, Armin	Indicate persons who left Company and wait for new One				
	<i>freeze_meeting:</i>		G: yes U:	MCC:					
	<i>history (event, available, version,</i>			<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<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>								
R96	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis MOTOROLA GmbH					
	<i>freeze_meeting:</i>		G: yes U:	MCC: JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>			<i>remarks - general:</i>					
	smg-23 17/10/1997 5 . 0 . 0			<a href="#">get it</a> <i>remarks - this release:</i> #25: withdrawn					
	smg-24 19/12/1997 5 . 1 . 0			<a href="#">get it</a>					
<b>TS 04.65</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)</b>								
R96	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis MOTOROLA GmbH					
	<i>freeze_meeting:</i>		G: yes U:	MCC: JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>			<i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.					
	smg-23 17/10/1997 5 . 0 . 0			<a href="#">get it</a> <i>remarks - this release:</i> #25: withdrawn					
	smg-24 19/12/1997 5 . 1 . 0			<a href="#">get it</a>					
<b>TS 04.70</b>	<b>Payphone services - stage 3</b>								
R96	<i>current version:</i> none		<i>WG (prime / other):</i> /	<i>rapporteur:</i> CLAYTON, Michael	ETSI Secretariat				
	<i>freeze_meeting:</i>		G: yes U:	MCC:					
	<i>history (event, available, version,</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:</i> none		<i>WG (prime / other):</i> /	<i>rapporteur:</i> VAN DER AREND,	KPN - Koninklijke PTT	Nederland NV			
	<i>freeze_meeting:</i>		G: yes U:	MCC:					
	<i>history (event, available, version,</i>			<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					

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<b>TS 04.78</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 3</b>						
R96	current version: none freeze_meeting: history (event, available, version,	WG (prime / other): G: yes U:	/	rapporteur: MCC:	VAN DER AREND,	KPN - Koninklijke PTT	Nederland NV
							remarks - general: remarks - this release: .
<hr/>							
<b>TS 04.79</b>	<b>Support of Optimal routing - stage 3</b>						
R96	current version: none freeze_meeting: history (event, available, version,	WG (prime / other): G: yes U:	/	rapporteur: MCC:	VAN DER AREND,	KPN - Koninklijke PTT	Nederland NV
							remarks - general: remarks - this release: .
<hr/>							
<b>TS 04.98</b>	<b>New barring services - Stage 3 description</b>						
R96	current version: none freeze_meeting: history (event, available, version,	WG (prime / other): G: yes U:	/	rapporteur: MCC:	VAN DER AREND,	KPN - Koninklijke PTT	Nederland NV
							remarks - general: remarks - this release: .
<hr/>							
<b>TS 04.99</b>	<b>Direct subscriber access and restriction - stage 3</b>						
R96	current version: none freeze_meeting: history (event, available, version,	WG (prime / other): G: yes U:	/	rapporteur: MCC:	VAN DER AREND,	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)

<b>TS 05.00</b>	<b>Service to GSM handportables in trains</b>				
R96	<i>current version: none</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> VOSKAR, Paul	NOKIA UK Ltd	
	<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>
<b>TS 05.18</b>	<b>Hands free mobile station</b>				
R96	<i>current version: none</i>	<i>WG (prime / other):</i> /	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	Peter Skov		
	<i>history (event, available, version,</i>		<i>MCC:</i>		<i>remarks - general:</i>
					<i>remarks - this release: .</i>
<b>TS 05.19</b>	<b>Service to GSM handportables in trains</b>				
R96	<i>current version: none</i>	<i>WG (prime / other):</i> /	<i>rapporteur:</i> WILTSHIRE, Timothy	AT&T NS(UK)Ltd	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	Robin		
	<i>history (event, available, version,</i>		<i>MCC:</i>		<i>remarks - general:</i>
					<i>remarks - this release: .</i>
<b>TR 05.20</b>	<b>Fast moving Mobile Station (study)</b>				
R96	<i>current version: none</i>	<i>WG (prime / other):</i> /	<i>rapporteur:</i> REINER, Michaël	AEG Mobile Communications GmbH (AMC)	
	<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>

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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:*

Deutsche Telekom MobilNet GmbH

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

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**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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<b>TS 07.57</b>	<b>Mobile Station Application Execution Environment (MExE); Stage 3</b>				
R96	<i>current version: none</i>	<i>WG (prime / other):</i>	/	<i>rapporteur:</i> CANDISH, John	Xtempus Ltd
	<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>	.

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**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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<b>TS 08.16</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service</b>	
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -
	<i>freeze_meeting:</i>	<i>rapporteur:</i> ANDERSEN, Niels
		Peter Skov
		MOTOROLA A/S
		<i>G:</i> yes <i>U:</i>
		<i>MCC:</i> THOMASEN, Gert
<i>history (event, available, version,</i>		
<i>smg-24 19/12/1997 5 . 0 . 0</i>	SMG-25: withdrawn	<a href="#">get it</a> <i>remarks - general:</i>
		<i>remarks - this release:</i> .

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**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>TS 09.12</b>	<b>Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling</b>				
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	<a href="#">get it</a>	remarks - general: EN 300 646		
	SPS)		remarks - this release: .		
	draft (ETSI TC 18/05/1999 5 . 3 . 0	<a href="#">get it</a>			
	SPS)				
	SPS1 approval 21/05/1999 5 . 3 . 1	<a href="#">get it</a>			

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<b>TS 09.20</b>	<b>Support of Shared Data Interworking Function</b>				
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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<b>TS 09.60</b>	<b>General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface</b>				
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	<a href="#">get it</a>	remarks - general:		
			remarks - this release: #24: 5.0.0 #25: withdrawn		

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<b>TR 09.94</b>	<b>Recommended Infrastructure Measures to Overcome Specific Phase 1 Mobile Stations Faults</b>				
R96	current version: 5.0.0	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:	G: yes U:	Peter Skov		
	history (event, available, version,		MCC: JORGENSEN, Per Johan		
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general: v4.x.x belongs to all releases from ph2 onwards		
			remarks - this release: #20: 5.0.0 SMG#30 Withdrawn		

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## 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 10.20</b>	<b>Lawful Interception requirements for GSM</b>				
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	<a href="#">get it</a>	remarks - general: Replaced by 01.33.		
	ETSI publication 20/01/1997 5 . 0 . 1	<a href="#">get it</a>	remarks - this release: SMG#20:5.0.0		
<hr/>					
<b>TS 10.60</b>	<b>General Packet Radio Services (GPRS); Project Scheduling and Open Issues</b>				
R96	current version: 5.4.2	WG (prime / other): S2 / -	rapporteur: PETERSEN, Johan	Telefon AB LM Ericsson	
	freeze_meeting:	G: yes U:	MCC: SULTAN, Alain		
	history (event, available, version,				
	smg-21 14/02/1997 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.x.y withdrawn)		
	smg-24 08/10/1997 5 . 2 . 0	<a href="#">get it</a>			
	draft 28/10/1997 5 . 2 . 1	<a href="#">get it</a>			
	draft 10/12/1998 5 . 3 . 0	<a href="#">get it</a>			
	smg-24 20/12/1997 5 . 3 . 1	<a href="#">get it</a>			
	draft 05/02/1998 5 . 3 . 2	<a href="#">get it</a>			
	draft 12/02/1998 5 . 3 . 3	<a href="#">get it</a>			
	draft 15/02/1998 5 . 3 . 4	<a href="#">get it</a>			
	draft 15/03/1998 5 . 3 . 5	<a href="#">get it</a>			
	draft 05/03/1998 5 . 4 . 0	<a href="#">get it</a>			
	smg-25 15/03/1998 5 . 4 . 1	<a href="#">get it</a>			
	draft 06/04/1998 5 . 4 . 2	<a href="#">get it</a>			
<hr/>					
<b>TR 10.66</b>	<b>Support of Mobile Number Portability (MNP); Project plan</b>				
R96	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: .		

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<b>TR 10.68</b>	<b>Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)</b>
R96	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i>
<i>history (event, available, version, smg-21</i>	5 . 0 . 0 abandoned
	<i>WG (prime / other):</i> S2 / -
<i>G: yes U:</i>	<i>rapporteur:</i> VAN DER AREND, KPN - Koninklijke PTT Nederland NV
	<i>MCC:</i> SULTAN, Alain
	<i>remarks - general:</i>
	<i>remarks - this release:</i> May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.

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<b>TS 11.10-2</b>	<b>Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> G5	/ S1 /	<i>rapporteur:</i> SALMERON, Lidia	ETSI Secretariat
	<i>freeze_meeting:</i>		NP /		
			T2 /		
			SCP		
			/ G4		
		<i>G: yes</i>	<i>U:</i>	<i>MCC:</i> CLAYTON, Michael	
	<i>history (event, available, version,</i>			<i>remarks - general:</i> 2001-11-19: G4->G5.	
				<i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).	
<hr/>					
<b>TS 11.12</b>	<b>Specification on the 3 Volt subscriber identity module Equipment (SIM-ME) Interface</b>				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T3	/ -	<i>rapporteur:</i> LINDHOLM, Rune	NOKIA MOBILE PHONES
	<i>freeze_meeting:</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i> SANDERS, Michael	
	<i>history (event, available, version,</i>				
	25/01/1996 5 . 0 . 0 SMG-16: withdrawn			<a href="#">get it</a>	<i>remarks - general:</i>
					<i>remarks - this release:</i> #16: 5.0.0 withdrawn

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<b>TS 12.03</b>	<b>Security Management</b>				
R96	<i>current version: none</i>	<i>WG (prime / other):</i>	S5 / S1 /	<i>rapporteur:</i>	ZOICAS, Adrian
	<i>freeze_meeting:</i>		NP		ETSI Secretariat
	<i>history (event, available, version,</i>	<i>G: yes U:</i>		<i>MCC:</i>	ZOICAS, Adrian
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	No spec.

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<b>TS 12.04</b>	<b>Performance data measurements</b>				
R96	<i>current version: none</i>	<i>WG (prime / other):</i>	S5 / S1 /	<i>rapporteur:</i>	ZOICAS, Adrian
	<i>freeze_meeting:</i>		NP		ETSI Secretariat
	<i>history (event, available, version,</i>	<i>G: yes U:</i>		<i>MCC:</i>	ZOICAS, Adrian
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	No spec.

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Ph2

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<b>TR 01.05</b>	<b>Definitions</b>				
Ph2	<i>current version:</i> none	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> n.a.	
<hr/>					
<b>TS 01.06</b>	<b>Service implementation phases and possible further phases in the GSM PLMN</b>				
Ph2	<i>current version:</i> none	<i>WG (prime / other):</i> / -	<i>rapporteur:</i> TWINGLER, Jonas	Northstream	AB
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i>		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 01.07</b>	<b>Updating procedure for GSM Recommendations</b>				
Ph2	<i>current version:</i> none	<i>WG (prime / other):</i> / -	<i>rapporteur:</i> TWINGLER, Jonas	Northstream	AB
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i>		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	

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**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  
*freeze\_meeting:*  
*history (event, available, version,*  
01/06/1994 4 . 0 . 0

*WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB  
*G: yes U:* *MCC:* ,

[get it](#) *remarks - general:*  
*remarks - this release:* #16: withdrawn

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**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 03.39</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>
Ph2	<i>current version:</i> 4.0.0
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> T2 / - <i>rapporteur:</i> HARRIS, Ian VODAFONE Group Plc
<i>smg-16 20/10/1995 4 . 0 . 0</i>	<i>G:</i> yes <i>U:</i> <i>MCC:</i> RODERMUND, Friedhelm
	<a href="#">get it</a> <i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references
	<i>remarks - this release:</i> #16: 4.0.0 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 Ph2 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**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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<b>TS 07.06</b>	<b>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</b>
Ph2	<i>current version:</i> 4.2.1
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> T2 / - <i>rapporteur:</i> HARRIS, Ian VODAFONE Group Plc
ETSI publication 13/09/1994 4 . 1 . 2	<i>G:</i> yes <i>U:</i> <i>MCC:</i> RODERMUND, Friedhelm
ETSI OAP 06/03/1995 4 . 2 . 0	<a href="#">get it</a> <i>remarks - general:</i>
ETSI publication 01/08/1995 4 . 2 . 1	<a href="#">get it</a> <i>remarks - this release:</i> #7: 4.1.0 #13: 4.2.0 #15: withdrawn
	<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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Server WITHDRAWN specs Ph2 07 .- series  
[http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**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 08.59 BSC-BTS O&M Signalling Transport**  
Ph2 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* GP / - *rapporteur:* VACANT,  
G: yes U: *MCC:* USAI, Paolino

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

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Server WITHDRAWN specs Ph2 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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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>TS 09.92</b>	<b>GSM Phase 1 Mobile Station interworking with Phase 2 Networks</b>				
Ph2	<i>current version:</i> none	<i>WG (prime / other):</i>	/	<i>rapporteur:</i> TWINGLER, Jonas	Northstream AB
	<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> .	

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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 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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**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:* RODERMUND, Friedhelm  
*history (event, available, version,*

*remarks - general:*  
*remarks - this release:* (no such 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 Ph2 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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# 3GPP specification status

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Server WITHDRAWN specs Ph2 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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Ph1

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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)

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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

*freeze\_meeting:*

*history (event, available, version,*

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

*remarks - general:*

*remarks - this release: .*

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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)

## 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

### TS 02.05 Simultaneous and Alternate Use of Services

Ph1 current version: 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: .

### 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](#)

### TS 02.10 Provision of Telecommunication Services

Ph1 current version: none

freeze\_meeting:

history (event, available, version,

WG (prime / other): / - rapporteur: ,  
G: yes U: MCC:

remarks - general:  
remarks - this release: .

### TS 02.12 Licensing

Ph1 current version: none

freeze\_meeting:

history (event, available, version,

WG (prime / other): / - rapporteur: ,  
G: yes U: MCC:

remarks - general:  
remarks - this release: .

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

# 3GPP specification status

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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:* .

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

# 3GPP specification status

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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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**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 11.01 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,*  
smg-01 3 . 6 . 0 *remarks - general:*  
smg-02 3 . 7 . 0 *remarks - this release:*  
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 [get it](#)  
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 [get it](#)

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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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**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  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* - / - *rapporteur:*  
*G: yes U:* *MCC:* ,

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

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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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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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Server WITHDRAWN specs 24 .- series  
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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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**TS 24.04U UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems**  
*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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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs 24 .- series  
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# 3GPP specification status

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Server WITHDRAWN specs 24 .- series  
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G = required in systems with GERAN access; U = required in systems with UMTS