
Source: **MCC**
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Title: **Specs status list prior to TSGs#21**

Document for: **information**

The following table shows the status list immediately prior to TSGs#21. It differs from that corresponding to the end of SA#20 insofar as it contains new specs created since that time and later drafts of specs not yet under change control. It also reflects the updates resulting from GERAN#15 and GERAN#16.

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

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

3GPP specification status

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Active or Withdrawn / Stopped (Active specs first)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

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Withdrawn / Stopped

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ACTIVE specs <?> 21 .- series
Server http://www.3gpp.org/ftp/Specs/archive/21_series

ACTIVE specs

<?>

<?> 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.902	Evolution of 3GPP system								
<?>	current version: 1.1.1		DRAFT		WG (prime / other): SP / -	rapporteur: BISHOP, Craig		SAMSUNG Electronics Research Institute	
	freeze_meeting:				G: U: yes	MCC: POPE, Maurice			
<i>history (event, available, version,</i>									
	SP-18, Evolution meeting #2	03/01/2003	0 . 0 . 0	Prior to SP-18: doc = EV020032	get it	<i>remarks - general:</i>			
	revised to add missing text	08/01/2003	0 . 1 . 0		get it	<i>remarks - this release:</i> SP-20: expect revised drafts 2003-06-20 & 2003-09-05.			
	SP-19, Evolution meeting #3	24/03/2003	0 . 1 . 1	EV-030002	get it				
	draft	07/04/2003	0 . 2 . 0		get it				
	draft	17/04/2003	0 . 2 . 1	incorporating comments post SP-19	get it				
	SP-20, Evolution meeting #4	02/06/2003	0 . 2 . 2	EV-030042	get it				
	draft	20/06/2003	1 . 1 . 0		get it				
	draft	20/06/2003	1 . 1 . 1		get it				

<?> 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.902	Measurement uncertainty								
<?>	current version: none				WG (prime / other): T1 /	rapporteur: ROSE, Ian		RACAL INSTRUMENTS LTD	
	freeze_meeting:				G: yes U: yes	MCC: SULTAN, Alain			
<i>history (event, available, version,</i>									
<i>remarks - general:</i>									
<i>remarks - this release:</i> .									

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

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Server ACTIVE specs <?> 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

Rel-7

Rel-7 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.802 Remote control of electrical tilting antennas)

Rel-7 current version: none
freeze_meeting:
history (event, available, version,

WG (prime / other): R3 / - rapporteur: HAUSER, Andreas Vodafone D2 GmbH
G: U: yes MCC: KRAUSE, Joern

remarks - general: RP-19: WI = RP-030193. 2003-04-14: WG Sec reports that this may need to be a
remarks - this release: RP-19: Completion target: RP-22. Thus assume service will be implemented in xx.8xx
other of these numbers will be used, the other returned to the pool. TP-20: This one is confirmed

number instead. 2003-05-12: 25.802 reserved as well as 25.997. One or

TR 25.997 (provisionally reserved for: Remote control of electrical tilting antennas) - TP-20: number not used, became 25.802.

Rel-7 current version: none
freeze_meeting:
history (event, available, version,

WG (prime / other): R3 / - rapporteur: HAUSER, Andreas Vodafone D2 GmbH
G: U: yes MCC: KRAUSE, Joern

remarks - general: RP-19: WI = RP-030193. 2003-04-14: WG Sec reports that this may need to be a
remarks - this release: RP-19: Completion target: RP-22. Thus assume service will be implemented in xx.8xx

number instead.

Rel-6

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

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

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

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

Rel-6 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,

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

TR 21.877 Radio optimization impacts on the Packet Switched (PS) domain architecture

Rel-6 *current version:* 0.7.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* LAUTIER, Laurence NORTEL NETWORKS (EUROPE)
freeze_meeting: *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
draft 24/02/2003 0 . 7 . 0 inherited from Rel-5

[get it](#)

remarks - general:
remarks - this release: SP-20: from Rel-5.

TR 21.905 Vocabulary for 3GPP Specifications

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,
SP-17 16/09/2002 6 . 0 . 0
SP-18 18/12/2002 6 . 1 . 0
SP-19 25/03/2003 6 . 2 . 0
SP-20 18/06/2003 6 . 3 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: .

[get it](#)

[get it](#)

Rel-6 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.011 Service accessibility

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / - *rapporteur:* GALLAIRE, Jean Paul France Telecom
freeze_meeting: *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,
SP-19 25/03/2003 6 . 0 . 0
SP-20 18/06/2003 6 . 1 . 0

[get it](#)

remarks - general: Transfer>TSG#4

[get it](#)

remarks - this release: .

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

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

TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1								
Rel-6	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> SP-22 <i>history (event, available, version,</i> SP-20 18/06/2003 6 . 0 . 0	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CARPENTER, Paul <i>MCC:</i> CLAYTON, Michael	Research In Motion Limited				
		get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .						
TS 22.041	Operator Determined Call Barring								
Rel-6	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> <i>history (event, available, version,</i> SP-20 18/06/2003 6 . 0 . 0	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> WOLAK, Stephen <i>MCC:</i> CLAYTON, Michael	VODAFONE Group Plc				
		get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .						
TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1								
Rel-6	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> <i>history (event, available, version,</i> SP-19 25/03/2003 6 . 0 . 0	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CARPENTER, Paul <i>MCC:</i> CLAYTON, Michael	Research In Motion Limited				
		get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .						
TS 22.066	Support of Mobile Number Portability (MNP); Stage 1								
Rel-6	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> SP-22 <i>history (event, available, version,</i> SP-18 18/12/2002 6 . 0 . 0 SP-20 18/06/2003 6 . 1 . 0	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael	EMCOM Ltd				
		get it get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .						
TS 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1								
Rel-6	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> SP-22 <i>history (event, available, version,</i> SP-18 18/12/2002 6 . 0 . 0 SP-20 18/06/2003 6 . 1 . 0	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> SWETINA, Joerg <i>MCC:</i> CLAYTON, Michael	SIEMENS AG				
		get it get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .						

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

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

TS 22.071	Location Services (LCS); Stage 1					
Rel-6	current version: 6.4.0	WG (prime / other): S1 / -	rapporteur: WOHLERT, Randolph	SBC Communications Inc.		
	freeze_meeting: SP-22	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-16 04/07/2002 6 . 0 . 0	get it	remarks - general: Transfer>TSG#4			
	SP-17 17/09/2002 6 . 1 . 0	get it	remarks - this release: .			
	SP-18 18/12/2002 6 . 2 . 0	get it				
	SP-19 25/03/2003 6 . 3 . 0	get it				
	SP-20 18/06/2003 6 . 4 . 0	get it				
<hr/>						
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1					
Rel-6	current version: 6.1.0	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK		
	freeze_meeting:	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-18 10/01/2003 6 . 0 . 0	get it	remarks - general:			
	SP-19 25/03/2003 6 . 1 . 0	get it	remarks - this release: .			
<hr/>						
TS 22.101	Service aspects; Service principles					
Rel-6	current version: 6.4.0	WG (prime / other): S1 / -	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: SP-22	G: U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-16 04/07/2002 6 . 0 . 0	get it	remarks - general:			
	SP-17 17/09/2002 6 . 1 . 0	get it	remarks - this release: SP-020234 slide 11 justifies existence.			
	SP-18 18/12/2002 6 . 2 . 0	get it				
	SP-19 25/03/2003 6 . 3 . 0	get it				
	SP-20 18/06/2003 6 . 4 . 0	get it				
<hr/>						
TS 22.105	Services and service capabilities					
Rel-6	current version: 6.2.0	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom		
	freeze_meeting: SP-22	G: U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-17 17/09/2002 6 . 0 . 0	get it	remarks - general:			
	SP-19 25/03/2003 6 . 1 . 0	get it	remarks - this release: .			
	SP-20 18/06/2003 6 . 2 . 0	get it				

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

TS 22.115	Service Aspects Charging and billing								
Rel-6	current version: 6.1.0 freeze_meeting:	WG (prime / other): S1 / -	rapporteur: MONTEGROSSO, Emanuele	TELECOM ITALIA S.p.A.					
	history (event, available, version,	G: yes U: yes	MCC: CLAYTON, Michael						
	SP-19 25/03/2003 6 . 0 . 0	get it	remarks - general:						
	SP-20 18/06/2003 6 . 1 . 0	get it	remarks - this release: .						
<hr/>									
TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1								
Rel-6	current version: 6.3.0 freeze_meeting: SP-22	WG (prime / other): S1 / -	rapporteur: SWETINA, Joerg	SIEMENS AG					
	history (event, available, version,	G: U: yes	MCC: CLAYTON, Michael						
	SP-16 04/07/2002 6 . 0 . 0	get it	remarks - general:						
	SP-17 17/09/2002 6 . 1 . 0	get it	remarks - this release: SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".						
	SP-18 18/12/2002 6 . 2 . 0	get it							
	SP-20 18/06/2003 6 . 3 . 0	get it							
<hr/>									
TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems								
Rel-6	current version: 6.0.0 freeze_meeting:	WG (prime / other): S1 / -	rapporteur: SAMPSON, Nick	ORANGE PCS LTD					
	history (event, available, version,	G: yes U: yes	MCC: CLAYTON, Michael						
	SP-19 25/03/2003 6 . 0 . 0	get it	remarks - general:						
			remarks - this release: .						
<hr/>									
TS 22.140	Multimedia Messaging Service (MMS); Stage 1								
Rel-6	current version: 6.2.0 freeze_meeting: SP-22	WG (prime / other): S1 / -	rapporteur: LAUMEN, Josef	SIEMENS AG					
	history (event, available, version,	G: U: yes	MCC: CLAYTON, Michael						
	SP-18 20/12/2002 6 . 0 . 0	get it	remarks - general: (development in T2)						
	SP-19 25/03/2003 6 . 1 . 0	get it	remarks - this release: .						
	SP-20 18/06/2003 6 . 2 . 0	get it							

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

TS 22.141	Presence service; Stage 1								
Rel-6	current version: 6.2.0			WG (prime / other): S1 / -	rapporteur: WOHLERT, Randolph	SBC Communications Inc.			
	freeze_meeting: SP-22			G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-16 19/07/2002	6 . 0 . 0		get it	remarks - general:				
	SP-17 17/09/2002	6 . 1 . 0		get it	remarks - this release:	SP-15: Rel-6 record created due to approval of work item "Presence service enhancements".			
	SP-19 25/03/2003	6 . 2 . 0		get it					
TS 22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1								
Rel-6	current version: 6.2.0			WG (prime / other): S1 /	rapporteur: JARVIS, Andre	3			
	freeze_meeting: SP-22			G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-16 04/07/2002	6 . 0 . 0		get it	remarks - general:	Replaces 22.946. Note that stage 2 is 23.246.			
	SP-17 17/09/2002	6 . 1 . 0		get it	remarks - this release:	.			
	SP-19 25/03/2003	6 . 2 . 0		get it					
TS 22.174	Push service; Stage 1								
Rel-6	current version: 6.2.0			WG (prime / other): S1 /	rapporteur: WOLAK, Stephen	VODAFONE Group Plc			
	freeze_meeting:			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	draft 27/03/2002	0 . 6 . 0	S1-020540	get it	remarks - general:				
	draft	0 . 8 . 1			remarks - this release:	SP-15: Timed out of Rel-5. SP-18: S1 seems to have lost interest in this spec. Known to be some holes in it.			
	SP-16	1 . 0 . 0	SP-020230 (inside liaison statement)	get it					
	post SP-16 clean up	1 . 0 . 1		get it					
	SP-17 17/09/2002	2 . 0 . 0	SP-020571	get it					
	SP-17 16/09/2002	6 . 0 . 0		get it					
	SP-18 18/12/2002	6 . 1 . 0		get it					
	SP-19 25/03/2003	6 . 2 . 0		get it					
TS 22.177	Speech-enabled services; Stage 1								
Rel-6	current version: none			WG (prime / other): S1 /	rapporteur: ZARRI, Michele	T-Mobile (UK) Ltd			
	freeze_meeting: SP-22			G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
					remarks - general:	Spec number reserved; production depends on results of feasibility study			
					remarks - this release:	.			

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

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

TS 22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1			
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd
	<i>freeze_meeting:</i> tbd	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael	
	<i>history (event, available, version,</i>			
	SP-16 04/07/2002	6 . 0 . 0	get it	<i>remarks - general:</i>
	SP-17 17/09/2002	6 . 1 . 0	get it	<i>remarks - this release:</i> SP-020234 slide 11 justifies existence.
	SP-19 25/03/2003	6 . 2 . 0	get it	
	SP-20 18/06/2003	6 . 3 . 0	get it	
TS 22.233	Transparent end-to-end packet-switched streamng service; Stage 1			
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-22	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael	
	<i>history (event, available, version,</i>			
	SP-17 17/09/2002	6 . 0 . 0	get it	<i>remarks - general:</i>
	SP-18 18/12/2002	6 . 1 . 0	get it	<i>remarks - this release:</i> .
	SP-19 25/03/2003	6 . 2 . 0	get it	
TS 22.240	Service requirements for 3GPP Generic User Profile (GUP); Stage 1			
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> AMERY, Paul	ORANGE PCS LTD
	<i>freeze_meeting:</i> tbd	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael	
	<i>history (event, available, version,</i>			
	SP-17 16/09/2002	1 . 0 . 0	get it	<i>remarks - general:</i> Cf work item "Generic user profile"
	SP-19	2 . 0 . 0	get it	<i>remarks - this release:</i> SP-17: Expected for SP-18.
	SP-19 25/03/2003	6 . 0 . 0	get it	
TS 22.242	Digital Rights Management (DRM); Stage 1			
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOOD, Nicholas	Openwave Systems (N.I.) Ltd
	<i>freeze_meeting:</i> SP-18	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael	
	<i>history (event, available, version,</i>			
	draft ex Kobe 29/07/2003	0 . 0 . 0	get it	<i>remarks - general:</i> SP-18: Stages 2 & 3 to be done by OMA.
	SP-15 19/03/2002	1 . 0 . 0	get it	<i>remarks - this release:</i> .
	SP-16 04/07/2002	2 . 0 . 0	get it	
	SP-16 04/07/2002	6 . 0 . 0	get it	
	SP-17 17/09/2002	6 . 1 . 0	get it	
	SP-19 25/03/2003	6 . 2 . 0	get it	

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

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

TS 22.243	Speech recognition framework for automated voice services; Stage 1					
Rel-6	<i>current version:</i> 6.3.0 <i>freeze_meeting:</i> SP-22	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WILLIAMS, David Hugh	QUALCOMM EUROPE S.A.R.L.		
	<i>history (event, available, version, brought forwards</i> 02/01/2002 1 . 0 . 0	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	from Rel-5				<i>remarks - general:</i>	
	SP-15 27/03/2002 1 . 2 . 0 S1-020114				<i>remarks - this release:</i> Delayed from Rel-5.	
	SP-17 19/09/2002 2 . 0 . 0 SP-020572	get it				
	SP-17 16/09/2002 6 . 0 . 0	get it				
	SP-18 18/12/2002 6 . 1 . 0	get it				
	SP-19 25/03/2003 6 . 2 . 0	get it				
	SP-20 18/06/2003 6 . 3 . 0	get it				
<hr/>						
TS 22.246	Multimedia Broadcast/Multicast Service (MBMS) teleservice requirements					
Rel-6	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> CURCIO, Igor	NOKIA Corporation		
	<i>history (event, available, version,</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
					<i>remarks - general:</i> SP-20: WID = SP-030347.	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.250	IP Multimedia Subsystem (IMS) Group Management; Stage 1					
Rel-6	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> SP-22	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KALLIOKULJU, Juha	NOKIA MOBILE PHONES		
	<i>history (event, available, version,</i>	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	draft 24/04/2002 0 . 1 . 0				<i>remarks - general:</i>	
	SP-17 16/09/2002 1 . 0 . 0 SP-020566	get it			<i>remarks - this release:</i> .	
	SP-18 18/12/2002 2 . 0 . 0 SP-020669	get it				
	SP-18 18/12/2002 6 . 0 . 0	get it				
<hr/>						
TS 22.340	IP Multimedia Subsystem (IMS) messaging; Stage 1					
Rel-6	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> SP-22	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KALLIOKULJU, Juha	NOKIA MOBILE PHONES		
	<i>history (event, available, version,</i>	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	SP-18 18/12/2002 2 . 0 . 0 SP-020671				<i>remarks - general:</i> 2002-10-08: created from 22.940.	
	SP-18 18/12/2002 6 . 0 . 0	get it			<i>remarks - this release:</i> .	
	SP-19 25/03/2003 6 . 1 . 0	get it				

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

TR 22.800	IP Multimedia Subsystem (IMS) subscription and access scenarios								
Rel-6	current version: 1.0.0		DRAFT	WG (prime / other): S1 /	rapporteur: FRANK, Robert	TeliaSonera AB			
	freeze_meeting: SP-22			G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	S1-18	0 . 0 . 5	S1-022295				remarks - general:		
	SP-18	20/12/2002	0 . 1 . 0	(annex to liaison)	get it		remarks - this release:	SP-20: seems difficult to reach agreement; expect it for info at SP-21, simply cleaned up but technically incomplete.	
	SP-19	24/03/2003	1 . 0 . 0	SP-030037	get it				
TR 22.857	Run-time independent framework feasibility study								
Rel-6	current version: 6.0.0			WG (prime / other): T2 /	rapporteur: WOODWARD, Ernest	INTEL CORPORATION SARL			
	freeze_meeting: SP-22			G: yes U: yes	MCC: RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-17	30/08/2002	1 . 0 . 0		get it		remarks - general:		
	TP-18	03/12/2002	2 . 0 . 0	TP-020274	get it		remarks - this release:	.	
	TP-18	20/12/2002	6 . 0 . 0		get it				
TR 22.934	Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking								
Rel-6	current version: 6.1.0			WG (prime / other): S1 / -	rapporteur: PAINT, Frédéric	Telenor AS			
	freeze_meeting: SP-18			G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-15	19/03/2002	1 . 0 . 0	SP-020059	get it		remarks - general:		
	SP-17	19/09/2002	2 . 0 . 0	SP-020569	get it		remarks - this release:	SP-18: tentative conclusion is that no specific stage 1 spec required, just CRs to other specs.	
	SP-17	16/09/2002	6 . 0 . 0		get it				
	SP-18	18/12/2002	6 . 1 . 0		get it				
TR 22.940	IP Multimedia Subsystem (IMS) messaging; Stage 1								
Rel-6	current version: 6.0.0			WG (prime / other): S1 /	rapporteur: KALLIOKULJU, Juha	NOKIA MOBILE PHONES			
	freeze_meeting: SP-22			G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	draft	26/03/2002	0 . 0 . 0		get it		remarks - general:	2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact,	
	draft	19/07/2002	0 . 1 . 0		get it		remarks - this release:	2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact,	
	unwithdrawn and approved!								
	SP-16	19/07/2002	0 . 2 . 0		get it		unwithdrawn and approved!		
	SP-17	16/09/2002	1 . 0 . 0	SP-020567	get it				
	SP-18	18/12/2002	2 . 0 . 0	SP-020670	get it				
	SP-18	18/12/2002	6 . 0 . 0		get it				

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TR 22.949	Study on a generalized privacy capability								
Rel-6	current version: 0.1.0	DRAFT	WG (prime / other): S1 / -	rapporteur: GARRAHAN, James	Telcordia Technologies, Inc.				
	freeze_meeting:		G: yes U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	S1-20 25/06/2003	0 . 1 . 0	S1-030498	get it	remarks - general: WI: PrivCap.				
					remarks - this release: .				
TR 22.950	Priority service feasibility study								
Rel-6	current version: 6.2.0		WG (prime / other): S1 / -	rapporteur: GARRAHAN, James	Telcordia Technologies, Inc.				
	freeze_meeting: SP-22		G: yes U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-15 19/03/2002	1 . 0 . 0	SP-020060	get it	remarks - general: Additional rapporteur: B Pramanik (Telcordia). Work item = PRIOR.				
	draft	1 . 1 . 0			remarks - this release: .				
	SP-16 04/07/2002	2 . 0 . 0	SP-020260	get it					
	SP-16 04/07/2002	6 . 0 . 0		get it					
	SP-18 18/12/2002	6 . 1 . 0		get it					
	SP-19 25/03/2003	6 . 2 . 0		get it					
TR 22.951	Service aspects and requirements for network sharing								
Rel-6	current version: 6.1.0		WG (prime / other): S1 /	rapporteur: ZARRI, Michele	T-Mobile (UK) Ltd				
	freeze_meeting:		G: yes U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	draft	0 . 0 . 0	S1-020342		remarks - general:				
	SP-17 16/09/2002	1 . 0 . 0	SP-020565	get it	remarks - this release: TP-16: anticipate v1.0.0 at TP-17.				
	SP-18 18/12/2002	2 . 0 . 0	SP-020668	get it					
	SP-18 18/12/2002	6 . 0 . 0		get it					
	SP-19 25/03/2003	6 . 1 . 0		get it					
TR 22.952	Priority service implementation guide								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S1 / -	rapporteur: GARRAHAN, James	Telcordia Technologies, Inc.				
	freeze_meeting:		G: yes U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-21	1 . 0 . 0			remarks - general: Work item = PRIOR.				
					remarks - this release: SP-21: S2: "No stage 2 TS needed."				

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http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.977 Feasibility study for speech-enabled services

Rel-6 *current version:* 6.0.0 *freeze_meeting:* SP-22
history (event, available, version,
S1-14 0 . 0 . 0
S1-15 0 . 1 . 0
S1 SES 0 . 2 . 0
S1 SES 0 . 3 . 0
SP-16 04/07/2002 1 . 0 . 0 SP-020259
SP-17 19/09/2002 2 . 0 . 0 SP-020570
SP-17 16/09/2002 6 . 0 . 0

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

remarks - general:
remarks - this release: .

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

TS 23.002 Network architecture

Rel-6 *current version:* 6.1.0 *freeze_meeting:*
history (event, available, version,
SP-19 27/03/2003 6 . 0 . 0
correct cover 31/03/2003 6 . 0 . 1
sheet post SP-19
SP-20 20/06/2003 6 . 1 . 0

WG (prime / other): S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
G: yes *U:* yes *MCC:* YOON, Sang-Ui

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

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

TS 23.011 Technical realization of Supplementary Services

Rel-6 *current version:* 6.0.0 *freeze_meeting:*
history (event, available, version,
NP-19 04/04/2003 6 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

remarks - general:
remarks - this release: .

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Server ACTIVE specs Rel-6 23 .- series
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TS 23.016	Subscriber data management; Stage 2								
Rel-6	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	freeze_meeting:	G: yes U: yes	MCC: KYMALAINEN, Kimmo						
	history (event, available, version,								
	NP-19 04/04/2003 6 . 0 . 0	get it	remarks - general:						
			remarks - this release: .						
TS 23.040	Technical realization of Short Message Service (SMS)								
Rel-6	current version: 6.1.0	WG (prime / other): T2 / -	rapporteur: HARRIS, Ian	Research In Motion Limited					
	freeze_meeting: SP-22	G: yes U: yes	MCC: RODERMUND, Friedhelm						
	history (event, available, version,								
	TP-17 18/09/2002 6 . 0 . 0	get it	remarks - general:						
	post TP-17: adds 24/09/2002 6 . 0 . 1	get it	remarks - this release: .						
	test vector file								
	TP-20 26/06/2003 6 . 1 . 0	get it							
TS 23.041	Technical realization of Cell Broadcast Service (CBS)								
Rel-6	current version: 6.1.0	WG (prime / other): T2 / -	rapporteur: HARRIS, Ian	Research In Motion Limited					
	freeze_meeting: SP-22	G: yes U: yes	MCC: RODERMUND, Friedhelm						
	history (event, available, version,								
	TP-17 18/09/2002 6 . 0 . 0	get it	remarks - general: Transfer>TSG#4						
	TP-19 25/03/2003 6 . 1 . 0	get it	remarks - this release: .						
TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2								
Rel-6	current version: 6.1.0	WG (prime / other): T2 / -	rapporteur: BRENK, Lars	TTPCom Ltd					
	freeze_meeting: SP-22	G: yes U: yes	MCC: RODERMUND, Friedhelm						
	history (event, available, version,								
	TP-16 28/06/2002 6 . 0 . 0	get it	remarks - general: Apr-2001: " Station Application" removed from title.						
	TP-17 18/09/2002 6 . 1 . 0	get it	remarks - this release: .						
TS 23.060	General Packet Radio Service (GPRS) Service description; Stage 2								
Rel-6	current version: 6.1.0	WG (prime / other): S2 / -	rapporteur: ZHAO, Yilin	MOTOROLA Ltd					
	freeze_meeting:	G: yes U: yes	MCC: YOON, Sang-Ui						
	history (event, available, version,								
	SP-19 27/03/2003 6 . 0 . 0	get it	remarks - general: Transfer>TSG#4						
	SP-20 20/06/2003 6 . 1 . 0	get it	remarks - this release: .						

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TS 23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2								
Rel-6	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG			
	freeze_meeting:	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-19 04/04/2003	6 . 0 . 0		get it	remarks - general:				
					remarks - this release:				
<hr/>									
TS 23.088	Call Barring (CB) Supplementary Service; Stage 2								
Rel-6	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	freeze_meeting:	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-19 04/04/2003	6 . 0 . 0		get it	remarks - general:				
					remarks - this release:				
<hr/>									
TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-6	current version: 6.0.0	WG (prime / other):	S2 / -	rapporteur:	GOURRAUD,	ERICSSON RESEARCH CANADA			
	freeze_meeting: SP-22	G:	U: yes	MCC:	YOON, Sang-Ui				
	history (event, available, version,								
	SP-18 10/01/2003	6 . 0 . 0		get it	remarks - general:	Sept 00: "Open Service Architecture" removed from title.			
					remarks - this release:	SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".			
<hr/>									
TS 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2								
Rel-6	current version: 6.2.0	WG (prime / other):	T2 / -	rapporteur:	LAUMEN, Josef	SIEMENS AG			
	freeze_meeting: SP-22	G: yes	U: yes	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-18 20/12/2002	6 . 0 . 0		get it	remarks - general:				
	TP-19 31/03/2003	6 . 1 . 0		get it	remarks - this release:				
	TP-20 26/06/2003	6 . 2 . 0		get it					

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Server ACTIVE specs Rel-6 23 .- series
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TS 23.141 Presence service; Architecture and functional description; Stage 2

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S2 / *rapporteur:* MAANSAARI, Kirsi NOKIA KOREA
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
draft 17/06/2002 0 . 0 . 0 [get it](#) *remarks - general:*
SP-17 04/10/2002 1 . 0 . 0 [get it](#) *remarks - this release:* .
SP-17 07/10/2002 6 . 0 . 0 [get it](#) Many editorial corrections needed
before fit for SDO publication.
SP-18 10/01/2003 6 . 1 . 0 [get it](#)
SP-19 27/03/2003 6 . 2 . 0 [get it](#)
SP-20 20/06/2003 6 . 3 . 0 [get it](#)

TS 23.174 Push service; stage 2

Rel-6 *current version:* none *WG (prime / other):* S2 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
case ...".

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

TS 23.209 Policy control over Gq interface

Rel-6 *current version:* none *WG (prime / other):* N3 / *rapporteur:* SILLANPÄÄ, Anna NOKIA Corporation
freeze_meeting: *G:* *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,
remarks - general: WI = IMS Phase 2 (UID 32021)
remarks - this release: .

TS 23.221 Architectural requirements

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK
freeze_meeting: *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
SP-19 27/03/2003 6 . 0 . 0 [get it](#) *remarks - general:* Derived from R99-specific 23.121
remarks - this release: .

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Server ACTIVE specs Rel-6 23 .- series
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TS 23.228	IP Multimedia Subsystem (IMS); Stage 2								
Rel-6	current version: 6.2.0		WG (prime / other): S2 / -	rapporteur: TOWLE, Thomas	Lucent Technologies				
	freeze_meeting: SP-22		G: yes U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version,								
	SP-18 07/01/2003	6 . 0 . 0		get it					remarks - general:
edito post	SP-18 07/01/2003	6 . 0 . 1	corrects Rel shown on front cover.	get it					remarks - this release: SP-21: Envisage modifications to cater for PoC feature.
	SP-19 27/03/2003	6 . 1 . 0		get it					
	SP-20 23/06/2003	6 . 2 . 0		get it					
TS 23.234	3GPP system to Wireles Local Area Network (WLAN) interworking; Functional and architectural definition								
Rel-6	current version: 2.0.0	DRAFT	WG (prime / other): S2 / -	rapporteur: YOON, Sang-Ui	KT Freetel Co., Ltd.				
	freeze_meeting: SP-22		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version,								
	conversion from	0 . 1 . 0							remarks - general:
	23.934 v0.5.0								remarks - this release: SP-18: Anticipate approval SP-19. SP-19: Doc has been split into scenario 2 and scenario 3 parts, and will be for approval at SP-20.
	SP-17 04/10/2002	1 . 0 . 0	SP-020537 Title on doc does not coincide with database (which bears same title as 23.934).	get it					
	draft 06/01/2003	1 . 2 . 1		get it					
	draft 08/01/2003	1 . 3 . 0		get it					
	SP-19 24/03/2003	1 . 6 . 0	Annexed to LS in SP-030065 (ex S2-030727),	get it					
	S2-31	1 . 7 . 0							
	draft 25/04/2003	1 . 8 . 0		get it					
	SP-20 17/06/2003	1 . 10 . 0	SP-030313	get it					
	SP-21	2 . 0 . 0							
TS 23.240	3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)								
Rel-6	current version: 6.0.0		WG (prime / other): S2 /	rapporteur: UZQUIANO, Nacho	TELEFONICA DE ESPAÑA SA				
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version,								
	SP-19 24/03/2003	1 . 0 . 0	S2-030944 -> SP-030031	get it					remarks - general: Cf work item "Generic user profile"
	S2-31 22/04/2003	1 . 1 . 0		get it					remarks - this release: SP-19: moved from Rel-5
	S2-32 26/05/2003	1 . 2 . 0	S2-032170	get it					
	SP-20 26/05/2003	2 . 0 . 0	S2-032171 -> SP-030310	get it					
	SP-20 20/06/2003	6 . 0 . 0		get it					

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

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

history (event, available, version,
draft 28/05/2002 0 . 3 . 0 [get it](#) *remarks - general:* Cf work item "Generic user profile"
draft 0 . 3 . 1 *remarks - this release:* RP-15: Delayed from Rel-5.
draft 0 . 3 . 2
draft 0 . 3 . 3
draft 0 . 3 . 4
draft 0 . 3 . 5
draft 0 . 4 . 0
draft 0 . 4 . 1
draft 0 . 4 . 2
draft 12/09/2003 0 . 4 . 3 [get it](#)

TS 23.246 Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description (Stage 2)

Rel-6 *current version:* 2.0.0 DRAFT *WG (prime / other):* S2 / *rapporteur:* JARVIS, Andre 3
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
draft 0 . 0 . 0 *remarks - general:* Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in
S2-27 14/11/2002 0 . 1 . 0 [get it](#) *remarks - this release:* SP-15: from Rel-5.
S2-28 0 . 2 . 0
add TS number 18/12/2002 0 . 2 . 1 [get it](#)
S2-29 24/02/2003 0 . 3 . 0 [get it](#)
S2-30 0 . 4 . 0 SP-19: was to have been SP-030128
but never presented (withdrawn unseen
from mtg)
S2-31 29/04/2003 0 . 5 . 0 [get it](#)
SP-20 17/06/2003 1 . 0 . 0 SP-030312 [get it](#)
S2-33 17/07/2003 1 . 1 . 0 [get it](#)
SP-21 2 . 0 . 0

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

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

Rel-6 *current version:* 6.4.0 *freeze_meeting:* SP-22 *WG (prime / other):* S2 / - *rapporteur:* KÄLL, Jan NOKIA Corporation
G: yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
 SP-16 18/06/2002 6 . 0 . 0 [get it](#) *remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
 SP-17 02/10/2002 6 . 1 . 0 [get it](#) *remarks - this release:* Continues 23.871
 SP-18 09/01/2003 6 . 2 . 0 [get it](#)
 SP-19 27/03/2003 6 . 3 . 0 [get it](#)
 SP-20 23/06/2003 6 . 4 . 0 [get it](#)

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

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* WILLIAMS, Brian Telefon AB LM Ericsson
freeze_meeting: *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
 draft 0 . 1 . 0 *remarks - general:*
 S2-29 0 . 2 . 0 *remarks - this release:* .
 S2-30 08/04/2003 0 . 3 . 0 [get it](#)
 S2-31 17/07/2003 0 . 4 . 0 [get it](#)
 draft 0 . 4 . 1
 S2-32 02/06/2003 0 . 5 . 0 [get it](#)
 S2-33 0 . 6 . 0
 draft 24/07/2003 0 . 6 . 1 [get it](#)
 S2-34 01/09/2003 0 . 7 . 0 [get it](#)
 SP-21 11/09/2003 1 . 0 . 0 [get it](#)

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

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* DAMIDAUX, Jean-louis ALCATEL S.A.
freeze_meeting: *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
 S2-30 0 . 0 . 0 *remarks - general:* WID contained in S2-022472. See also
 S2-31 14/04/2003 0 . 0 . 1 S2-031153 [get it](#) *remarks - this release:* . http://www.esa.int/export/esaSA/GGGMX650NDC_navigation_0.html.
 S2-31 0 . 0 . 2
 S2-31 0 . 1 . 0
 S2-31 0 . 2 . 0
 SP-20 28/05/2003 1 . 0 . 0 SP-030311 [get it](#)

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

TR 23.841	Presence service architecture								
Rel-6	current version: 6.0.0		WG (prime / other): S2 /	rapporteur: MAANSAARI, Kirsi	NOKIA KOREA				
	freeze_meeting: SP-22		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version,								
	SP-16 22/07/2002	2 . 0 . 0				get it	remarks - general:		
	SP-16 25/07/2002	6 . 0 . 0				get it	remarks - this release: TP-16: clear that service is Rel-6.		
TR 23.846	Multimedia Broadcast/Multicast Service (MBMS); Stage 2								
Rel-6	current version: 6.1.0		WG (prime / other): S2 /	rapporteur: JARVIS, Andre	3				
	freeze_meeting: SP-22		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version,								
	draft 12/04/2002	0 . 3 . 0				get it	remarks - general: This is a preparatory report which may result in the creation of a stage 2 TS		
	S2-24	0 . 4 . 0					remarks - this release: SP-15: To be a Rel-6 service, not Rel-5.		
	post S2-24 22/05/2002	0 . 5 . 0				get it			
	draft 28/05/2002	0 . 5 . 1				get it			
	SP-16 04/07/2002	1 . 0 . 0				get it			
	draft 19/07/2002	1 . 1 . 0				get it			
	draft 22/07/2002	1 . 1 . 1				get it			
	draft 16/09/2002	1 . 2 . 0				get it			
	SP-17 24/09/2002	2 . 0 . 0				get it			
	SP-17 03/10/2002	6 . 0 . 0				get it			
	SP-18 13/01/2003	6 . 1 . 0				get it			
TS 23.851	Network sharing; Architecture and functional description								
Rel-6	current version: 0.5.0	DRAFT	WG (prime / other): S2 /	rapporteur: NILSSON, Ulf	TeliaSonera AB				
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version,								
	draft	0 . 0 . 0					remarks - general:		
	draft	0 . 1 . 0					remarks - this release: .		
	S2-32 02/05/2003	0 . 2 . 0				get it			
	S2-33 19/08/2003	0 . 4 . 0				get it			
	S2-33 19/08/2003	0 . 4 . 1				get it			
	draft 29/08/2003	0 . 5 . 0				get it			

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

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

TR 23.864	Commonality and interoperability between IP Multimedia System (IMS) core networks						
Rel-6	current version: 0.6.0		DRAFT	WG (prime / other): S2 / -	rapporteur: BERTENYI, Balazs	NOKIA Corporation	
	freeze_meeting:			G: U: yes	MCC: YOON, Sang-Ui		
	history (event, available, version,						
	S2-29	03/02/2003	0 . 3 . 1	2003-02-03: Renumbered to 23.864.	get it	remarks - general: Was briefly 23.964.	
	draft	24/02/2003	0 . 4 . 0		get it	remarks - this release: .	
	draft	24/02/2003	0 . 4 . 1		get it		
	draft	24/03/2003	0 . 5 . 0		get it		
	S2-31	22/04/2003	0 . 6 . 0	inc S2-031533	get it		
<hr/>							
TR 23.867	Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions						
Rel-6	current version: 0.4.0		DRAFT	WG (prime / other): S2 / -	rapporteur: POIKSELKA, Miikka	NOKIA Corporation	
	freeze_meeting:			G: U: yes	MCC: YOON, Sang-Ui		
	history (event, available, version,						
	post S2-30	02/04/2003	0 . 0 . 0	based on S2-030911rev7 and S2-030551.	get it	remarks - general: 2003-04-02 Rapporteur: Intention is to transfer this material into 23.002, 23.060	
	draft	17/04/2003	0 . 1 . 0		get it	remarks - this release: . and 23.228.	
	post S2-32	17/06/2003	0 . 2 . 0		get it		
	post S2-33	15/07/2003	0 . 3 . 0		get it		
	S2-34	04/09/2003	0 . 4 . 0		get it		
<hr/>							
TR 23.877	Architectural aspects of speech-enabled services						
Rel-6	current version: 0.0.0		DRAFT	WG (prime / other): S2 / -	rapporteur: N, A	Indicate persons who left Company and wait for new One	
	freeze_meeting:			G: U: yes	MCC: YOON, Sang-Ui		
	history (event, available, version,						
	S2-34	21/08/2003	0 . 0 . 0	S2-033088	get it	remarks - general: WID = SP-030305.	
						remarks - this release: .	

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

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

TR 23.895	Provision of UE specific behaviour information to network entities						
Rel-6	current version: 6.2.0		WG (prime / other): S2 /	rapporteur: PUDNEY, Chris		VODAFONE Group Plc	
	freeze_meeting: SP-22		G: U: yes	MCC: YOON, Sang-Ui			
	history (event, available, version,						
	draft	0 . 4 . 0			remarks - general:		
	SP-18 10/01/2003	1 . 0 . 0			SP-020797 for approval	get it remarks - this release: .	
	SP-18 13/01/2003	6 . 0 . 0			Anticipate CR next mtg to clarify that	get it	
					this is not a loophole to allow untested		
					UEs to be placed on the market.		
	SP-19 27/03/2003	6 . 1 . 0				get it	
	SP-20 20/06/2003	6 . 2 . 0				get it	
TR 23.917	Dynamic policy control enhancements for End to end Quality of Service (QoS); Feasibility study						
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S2 / -	rapporteur: MOUSSET, Claire		NORTEL NETWORKS (EUROPE)	
	freeze_meeting: SP-18		G: yes U: yes	MCC: YOON, Sang-Ui			
	history (event, available, version,						
	draft 07/08/2002	0 . 0 . 0			remarks - general: Work Item: SP-020140		
	draft 24/09/2002	0 . 1 . 0			remarks - this release: .		
	draft 24/09/2002	0 . 2 . 0				get it	
	draft 14/11/2002	0 . 3 . 0				get it	
	draft 14/11/2002	0 . 3 . 1				get it	
	S2-28 16/12/2002	0 . 4 . 0				get it	
	draft 16/12/2002	0 . 4 . 1				get it	
	S2-29 13/02/2003	0 . 5 . 0				get it	
	S2-29 13/02/2003	0 . 5 . 1				get it	
	S2-30 29/04/2003	0 . 6 . 0				get it	
	S2-31 22/04/2003	0 . 7 . 0			includes S2-031354, S2-031534,	get it	
					S2-031598		
	S2-33 24/07/2003	0 . 9 . 0				get it	
	S2-34 02/09/2003	0 . 10 . 0				get it	
	SP-21 11/09/2003	1 . 0 . 0				get it	
TR 23.934	3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition						
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S2 / -	rapporteur: PAINT, Frédéric		Telenor AS	
	freeze_meeting: SP-18		G: U: yes	MCC: YOON, Sang-Ui			
	history (event, available, version,						
	S2-24 07/05/2002	0 . 1 . 0			remarks - general:	get it	
	SP-17 24/09/2002	1 . 0 . 0			SP-020536	get it remarks - this release: 2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.	

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Server ACTIVE specs Rel-6 23 .- series
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TR 23.976	Push architecture								
Rel-6	current version: 0.5.0		DRAFT	WG (prime / other): S2 / -	rapporteur: ALFANO, Nicholas	Research In Motion Limited			
	freeze_meeting:			G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,								
	S2-29	0 . 0 . 0					remarks - general:	2003-02-04: 23.876 -> 23.976	
	S2-29 03/02/2003	0 . 0 . 1		get it			remarks - this release:	.	
	draft 24/02/2003	0 . 1 . 0		get it					
	draft 24/03/2003	0 . 2 . 0		get it					
	S2-31 05/05/2003	0 . 3 . 0		get it					
	S2-32 27/05/2003	0 . 4 . 0		get it					
	S2-33 30/07/2003	0 . 5 . 0		get it					

TR 23.977	Bandwidth and resource savings and speech enhancements for Circuit Switched (CS) networks								
Rel-6	current version: 0.1.1		DRAFT	WG (prime / other): S2 /	rapporteur: SEISER, Franz	T-Mobile AUSTRIA GmbH			
	freeze_meeting:			G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,								
	draft	0 . 0 . 0					remarks - general:	Work Item: Bandwidth and Resource savings and Speech enhancements for CS	
	draft 30/07/2003	0 . 1 . 0	Bears wrong number on cover sheet.	get it			remarks - this release:	. networks (S2-032137)	
	draft 30/07/2003	0 . 1 . 1	Corrects number on cover page!	get it					

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

TS 24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3								
Rel-6	current version: 6.1.0			WG (prime / other): N1 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting:			G: yes U: yes	MCC: JORGENSEN, Per Johan				
	history (event, available, version,								
	NP-19 24/03/2003	6 . 0 . 0		get it			remarks - general:	CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to	
	NP-20 04/07/2003	6 . 1 . 0		get it			remarks - this release:	. be resolved till Jun00.	

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

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

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

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

Rel-6 *current version:* 0.1.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: *G: yes U: yes* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
draft 0 . 0 . 1 *remarks - general:* WI = PRSNC (UID 2499)
draft 0 . 0 . 2 *remarks - this release:* .
N1-31 0 . 0 . 3
N1-31 11/09/2003 0 . 1 . 0
[get it](#)

TS 24.147 Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3

Rel-6 *current version:* 0.1.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* MAYER, Georg NOKIA Corporation
freeze_meeting: *G: U: yes* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
draft 0 . 0 . 1 *remarks - general:* 2003-06: WID is NP-030286 = IMS-CCR-E
draft 0 . 0 . 2 *remarks - this release:* .
draft 30/06/2003 0 . 0 . 3
draft 30/06/2003 0 . 0 . 4 technically identical to v003 but has the
[get it](#)
number on the front cover
draft 10/07/2003 0 . 0 . 5
draft 0 . 1 . 0
[get it](#)

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

Rel-6 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* CARRIÓN, Inmaculada NOKIA Corporation
freeze_meeting: *G: U: yes* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
remarks - general:
remarks - this release: .

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

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

Rel-6 *current version:* 0.4.3 DRAFT *WG (prime / other):* T2 / *rapporteur:* HOLOUBEK, Kevin J. Motorola Inc.
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
draft 28/05/2002 0 . 3 . 0 [get it](#) *remarks - general:* Cf work item "Generic user profile" - may be renumbered to 27.241
draft 12/09/2003 0 . 4 . 3 [get it](#) *remarks - this release:* 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

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

Rel-6 *current version:* 0.0.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* MAYER, Georg NOKIA Corporation
freeze_meeting: *G:* *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
draft 19/08/2003 0 . 0 . 0 [get it](#) *remarks - general:* 2003-06: WID is NP-030286 = IMS-CCR-E
remarks - this release: .

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

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: NP-19 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
draft 0 . 0 . 0 *remarks - general:*
N1-25 0 . 0 . 1 *remarks - this release:* .
N1-26 17/09/2002 0 . 1 . 0 [get it](#)
N1-26 03/10/2002 0 . 2 . 0 [get it](#)
N1-26bis 14/11/2002 0 . 3 . 0 [get it](#)
N1-27 17/01/2003 0 . 4 . 0 N1-030010 [get it](#)
N1-28 04/03/2003 0 . 5 . 0 [get it](#)
N1-29 06/05/2003 0 . 6 . 0 [get it](#)
NP-20 02/06/2003 1 . 0 . 0 NP-030303 [get it](#)

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

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

TS 25.101 User Equipment (UE) radio transmission and reception (FDD)

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-19 04/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*
RP-20 27/06/2003 6 . 1 . 0 [get it](#) *remarks - this release:* RP-16 agreed not to implement the CR creating this Release.

TS 25.104 Base Station (BS) radio transmission and reception (FDD)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-18 10/01/2003 6 . 0 . 0 Early ETSI publication because [get it](#) *remarks - general:*
referenced in SCP publications. *remarks - this release:* .
RP-19 04/04/2003 6 . 1 . 0 [get it](#)
RP-20 27/06/2003 6 . 2 . 0 [get it](#)

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-18 10/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
RP-19 04/04/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .
RP-20 01/07/2003 6 . 2 . 0 [get it](#)

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-18 10/01/2003 6 . 0 . 0 Early ETSI publication because [get it](#) *remarks - general:*
referenced in SCP publications. *remarks - this release:* .
RP-19 04/04/2003 6 . 1 . 0 [get it](#)
RP-20 27/06/2003 6 . 2 . 0 [get it](#)

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

TS 25.346	Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN)								
Rel-6	<i>current version:</i> 2.1.0		DRAFT	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> PIRSKANEN, Juho				NOKIA Corporation
	<i>freeze_meeting:</i> SP-22			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ARZELIER, Claude		
	<i>history (event, available, version,</i>								
	R2-31	0 . 0 . 1	R2-021846					<i>remarks - general:</i>	
	R2-32	0 . 1 . 0	R2-020590					<i>remarks - this release:</i> .	
R2 / R3 MBMS ad	14/10/2002	1 . 1 . 0	R2-030006					get it	
	hoc								
	draft	23/01/2003	1 . 2 . 0					get it	
	draft	03/02/2003	1 . 3 . 0					get it	
	R2-34	1 . 4 . 0	R2-030122						
	R2-35	1 . 5 . 0	R2-030707						
R2 / R3 MBMS ad	21/05/2003	1 . 6 . 0	R2-030882					get it	
	hoc								
	RP-20	02/06/2003	2 . 0 . 0	RP-030309 - not approved				get it	
	draft		2 . 0 . 1	mods based on v2.0.0 so this version not uploaded (invalid) because v2.1.0 already available					
	RP-21	19/08/2003	2 . 1 . 0	cleaned up draft from MCC				get it	
TS 25.401	UTRAN overall description								
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i>			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version,</i>								
	RP-19	26/03/2003	6 . 0 . 0					<i>remarks - general:</i> Approval at TSG#5	
	RP-20	17/06/2003	6 . 1 . 0					<i>remarks - this release:</i> .	
TS 25.450	UTRAN Iu-PS interface general aspects and principles								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> LIN, Ie-Hong				Qualcomm Inc
	<i>freeze_meeting:</i>			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version,</i>								
	RP-19	26/03/2003	6 . 0 . 0					<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	

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

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

TS 25.452	UTRAN Iu-CS interface: signalling transport								
Rel-6	current version: 6.0.0			WG (prime / other): R3 /	rapporteur: LIN, Ie-Hong	Qualcomm Inc			
	freeze_meeting:			G: U: yes	MCC: KRAUSE, Joern				
	history (event, available, version, RP-19 26/03/2003 6 . 0 . 0			get it	remarks - general:				
					remarks - this release: .				
TS 25.453	UTRAN Iu-CS interface Positioning Calculation Application Part (PCAP) signalling								
Rel-6	current version: 6.1.0			WG (prime / other): R3 /	rapporteur: LIN, Ie-Hong	Qualcomm Inc			
	freeze_meeting:			G: U: yes	MCC: KRAUSE, Joern				
	history (event, available, version, RP-19 26/03/2003 6 . 0 . 0			get it	remarks - general:				
	RP-20 17/06/2003 6 . 1 . 0			get it	remarks - this release: .				
TR 25.801	Feasibility study for improved access to User Equipment (UE) measurement data for Controlling Radio Network Controller (CRNC) to support Time Division Duplex (TDD) Radio Resource Management (RRM)								
Rel-6	current version: 1.0.0			DRAFT WG (prime / other): R3	rapporteur: MILLER, James	INTERDIGITAL COMMUNICATIONS			
	freeze_meeting:			G: U: yes	MCC: KRAUSE, Joern				
	history (event, available, version, RP-20 17/06/2003 1 . 0 . 0 RP-030342			get it	remarks - general:				
					remarks - this release: .				
TR 25.803	S-CCPCH performance for MBMS								
Rel-6	current version: 0.1.0	DRAFT		WG (prime / other): R1 /	rapporteur: MALLADI, Durga	QUALCOMM EUROPE S.A.R.L.			
	freeze_meeting:			G: U: yes	MCC: SASAKI, Tsukasa				
	history (event, available, version, R1-33 0 . 0 . 1			get it	remarks - general:				
	R1-33 11/09/2003 0 . 0 . 2			get it	remarks - this release: 2003-06-25: anticipate approval at RP-22.				
	post R1-33 13/09/2003 0 . 1 . 0 R1-030950								
TR 25.804	Feasibility study on uplink enhancements for UTRA TDD								
Rel-6	current version: 0.0.1	DRAFT		WG (prime / other): R1 /	rapporteur: RUDOLF, Marian	INTERDIGITAL COMMUNICATIONS			
	freeze_meeting:			G: U: yes	MCC: SASAKI, Tsukasa				
	history (event, available, version, R1-33 05/09/2003 0 . 0 . 1 R1-030940			get it	remarks - general: 2003-09-04: anticipated approval at RP-223. WI = R1Imp-FSupEnhTDD.				
					remarks - this release: .				

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

TR 25.805	DS-CDMA introduction in the 800 MHz band								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> NAKAMURA, Takehiro	NTT DoCoMo Inc.			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>							<i>remarks - general:</i> WI = RInImp-UMTS800 (UID 24009)	
								<i>remarks - this release:</i> .	
<hr/>									
TR 25.806	UMTS 1700/2100MHz and UMTS 850MHz Work Items								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> NUMMINEN, Jussi	NOKIA Corporation			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>							<i>remarks - general:</i> WI = RInImp-UMTS850 (UID 24007) & RInImp-UMTS1721 (UID 24010)	
								<i>remarks - this release:</i> .	
<hr/>									
TR 25.852	Iu enhancements for IMS support in UTRAN								
Rel-6	<i>current version:</i> 0.0.0	DRAFT		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> DIESEN, Michael	MOTOROLA Ltd			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>							<i>remarks - general:</i> 2003-09-08: Title changed from "Radio access bearer support enhancements for	
	RP-11 06/04/2001 0 . 0 . 0	Inherited from Rel-4.		get it				<i>remarks - this release:</i> . the Iu".	
<hr/>									
TR 25.869	Transmitter diversity solutions for multiple antennas								
Rel-6	<i>current version:</i> 1.0.2	DRAFT		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KIM, Sung-Jin	Samsung Electronics Ind. Co., Ltd.			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>							<i>remarks - general:</i>	
	RP-15 19/03/2002 1 . 0 . 2	RP-020130 - RP-20: to Rel-6		get it				<i>remarks - this release:</i> .	
<hr/>									
TR 25.887	Beamforming								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KAHTAVA, Jussi	Nokia Japan Co, Ltd			
	<i>freeze_meeting:</i> SP-22			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>							<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	

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

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

TR 25.888	Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD								
Rel-6	current version: 1.1.0	DRAFT	WG (prime / other): R1 / -	rapporteur: LI, Xiaoqiang	SAMSUNG Electronics Research Institute				
	freeze_meeting: SP-22		G: U: yes	MCC: SASAKI, Tsukasa					
	history (event, available, version,								
	RP-18 06/01/2003	1 . 1 . 0	RP-020815	get it	remarks - general:				
					remarks - this release: .				
<hr/>									
TR 25.889	Feasibility study considering the viable deployment of UTRA in additional and diverse spectrum arrangements								
Rel-6	current version: 6.0.0		WG (prime / other): R4 / -	rapporteur: STAHLFJALL, Peter	Telefon AB LM Ericsson				
	freeze_meeting: SP-22		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar					
	history (event, available, version,								
	RP-16 26/06/2002	1 . 0 . 0	RP-020354	get it	remarks - general:				
	RP-17 24/09/2002	1 . 1 . 0	RP-020657	get it	remarks - this release: .				
	RP-18 06/01/2003	1 . 2 . 1	RP-020690	get it					
	R4-26	1 . 3 . 0							
	R4-27	1 . 4 . 0							
	RP-20 17/06/2003	2 . 0 . 0	RP-030343	get it					
	RP-20 01/07/2003	6 . 0 . 0		get it					
<hr/>									
TR 25.891	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5								
Rel-6	current version: 0.3.0	DRAFT	WG (prime / other): R3 /	rapporteur: HWANG, Woonhee	NOKIA Corporation				
	freeze_meeting: SP-22		G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version,								
	R3-31	0 . 0 . 1			remarks - general:				
	R3-31	0 . 1 . 0			remarks - this release: .				
	draft 11/10/2002	0 . 1 . 1							
	draft 24/01/2003	0 . 2 . 1		get it					
	draft 18/06/2003	0 . 3 . 0		get it					

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

TR 25.892	Feasibility study for Orthogonal Frequency Division Multiplexing (OFDM) for UTRAN enhancement						
Rel-6	current version: 0.3.1 freeze_meeting: RP-19	DRAFT	WG (prime / other): R1 / G: U: yes	rapporteur: BOUMENDIL, Sarah MCC: SASAKI, Tsukasa		NORTEL NETWORKS (EUROPE)	
	history (event, available, version,						
	R1-27	0 . 0 . 1			remarks - general:		
	R1-29	0 . 0 . 2			remarks - this release: .		
	R1-33	0 . 0 . 3					
	R1-31	0 . 1 . 0					
	R1-31	0 . 1 . 1					
	R1-31	0 . 1 . 2					
	R1-31 31/03/2003	0 . 2 . 0			get it		
	R1-33	0 . 3 . 0					
	R1-33 05/09/2003	0 . 3 . 1			get it		
TR 25.893	Radio access bearer scenarios						
Rel-6	current version: none freeze_meeting:		WG (prime / other): R2 / - G: U: yes	rapporteur: MIKOLA, Juha MCC: ARZELIER, Claude		NOKIA Corporation	
	history (event, available, version,						
					remarks - general: 2003-05-26: to be stopped.		
					remarks - this release: RP-20: to Rel-6 (but expected to be stopped in 2003-09 and contents moved to 25.993). 2003-09-10 R2 proposes to abandon.		
TR 25.894	Enhanced UE positioning using software blanking						
Rel-6	current version: none freeze_meeting: SP-22		WG (prime / other): R2 / - G: U: yes	rapporteur: BARTLETT, David MCC: ARZELIER, Claude		Cambridge Positioning Systems Limited	
	history (event, available, version,						
					remarks - general:		
					remarks - this release: .		
TR 25.895	Analysis of higher chip rates for UTRA TDD evolution						
Rel-6	current version: 1.2.0 freeze_meeting: SP-22	DRAFT	WG (prime / other): R1 / - G: U: yes	rapporteur: BEALE, Martin MCC: SASAKI, Tsukasa		IPWireless Inc.	
	history (event, available, version,						
	RP-19 24/03/2003	1 . 0 . 0			get it remarks - general:		
	R1-31 09/09/2003	1 . 2 . 0			get it remarks - this release: 2002-10-07: anticipate approval at RP-20.		

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

TR 25.896	Uplink enhancements for dedicated transport channels						
Rel-6	<i>current version:</i> 0.4.2 <i>freeze_meeting:</i> SP-22	DRAFT	<i>WG (prime / other):</i> R1 / - <i>G:</i> U: yes	<i>rapporteur:</i> RANTA-AHO, Karri <i>MCC:</i> SASAKI, Tsukasa		NOKIA Corporation	
	<i>history (event, available, version,</i>						
	R1-28b	0 . 0 . 1	R1-021218				<i>remarks - general:</i>
	R1-29	0 . 0 . 2	R1-021259				<i>remarks - this release:</i> .
	R1-30	0 . 0 . 3					
	R1-30	0 . 0 . 4					
	R1-30	0 . 1 . 0					
	R1-30	0 . 1 . 1					
	R1-31	0 . 2 . 0	R1-030311				
	R1-31	0 . 2 . 1					
	R1-31	0 . 2 . 2					
post	R1-31	0 . 3 . 0					
	RP-32	0 . 3 . 1					
post	RP-32	0 . 3 . 2					
post	RP-32	0 . 3 . 3					
	R1-33	0 . 4 . 0					
post	R1-33 04/09/2003	0 . 4 . 1	R1-030951	get it			
post	R1-33 13/09/2003	0 . 4 . 2	R1-030952	get it			
TR 25.897	Feasibility study on the evolution of UTRAN architecture						
Rel-6	<i>current version:</i> 0.2.1 <i>freeze_meeting:</i> SP-22	DRAFT	<i>WG (prime / other):</i> R3 / - <i>G:</i> U: yes	<i>rapporteur:</i> KEKKI, Sami <i>MCC:</i> KRAUSE, Joern		NOKIA Corporation	
	<i>history (event, available, version,</i>						
	draft 24/01/2003	0 . 1 . 1		get it			<i>remarks - general:</i>
	R3-36 19/08/2003	0 . 2 . 1		get it			<i>remarks - this release:</i> .
TR 25.898	Power control enhancements for UTRA						
Rel-6	<i>current version:</i> 0.1.0 <i>freeze_meeting:</i> SP-22	DRAFT	<i>WG (prime / other):</i> R1 / - <i>G:</i> U: yes	<i>rapporteur:</i> MITRA, Diptendu <i>MCC:</i> SASAKI, Tsukasa		NOKIA UK Ltd	
	<i>history (event, available, version,</i>						
	R1-33 10/09/2003	0 . 1 . 0		get it			<i>remarks - general:</i>
							<i>remarks - this release:</i> .

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

TR 25.899	HSDPA enhancements								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> FUKUI, Noriyuki	Mitsubishi Electric Co.				
	<i>freeze_meeting:</i> RP-21		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>								
	<i>draft</i> 04/07/2003 0 . 1 . 1								
				<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
TR 25.901	Network Assisted Cell Change (NACC) from UTRAN to GERAN; Network side aspects								
Rel-6	<i>current version:</i> 0.1.1	DRAFT	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HALL, Edward	VODAFONE LTD				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version,</i>								
	<i>draft</i> 04/07/2003 0 . 1 . 1			get it	<i>remarks - general:</i> WI UID 23011. See also 44.901.				
					<i>remarks - this release:</i> .				
<hr/>									
TR 25.942	RF system scenarios								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BENABDALLAH, Nadia	Vodafone Omnitel N.V				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>								
	RP-18 10/01/2003 6 . 0 . 0			get it	<i>remarks - general:</i> Additional rapporteur = A.De Pasquale.				
					<i>remarks - this release:</i> .				
<hr/>									
TR 25.951	Base Station (BS) classification (FDD)								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SÄYNÄJÄKANGAS,	NOKIA Corporation				
	<i>freeze_meeting:</i>		G: U: yes	Tuomo					
	<i>history (event, available, version,</i>			<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	RP-19 24/03/2003 2 . 0 . 0	RP-030155		get it	<i>remarks - general:</i>				
	RP-19 04/04/2003 6 . 0 . 0			get it	<i>remarks - this release:</i> RP-19: from Rel-5.				
	RP-20 27/06/2003 6 . 1 . 0			get it					

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

TR 25.992	Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements								
Rel-6	current version: 2.0.1 freeze_meeting: SP-22	DRAFT	WG (prime / other): G: yes U: yes	RP / GP	rporteur: MCC:	PIRSKANEN, Juho GUTIERREZ MIGUELEZ, Cesar	NOKIA Corporation		
history (event, available, version, draft		1 . 0 . 0	NOT seen by TSG RAN. Suspect version number is too optimistic.		remarks - general: remarks - this release: .				
draft		1 . 1 . 0							
draft	20/01/2003	1 . 2 . 0	Exploder list. Still not seen by RAN.	get it					
RP-19	24/03/2003	1 . 3 . 0	RP-030016	get it					
RP-20	02/06/2003	2 . 0 . 0	RP-030310 - not approved	get it					
RP-21	19/08/2003	2 . 0 . 1	cleaned up draft from MCC	get it					

TR 25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)								
Rel-6	current version: 6.2.0 freeze_meeting: SP-22		WG (prime / other): G: U: yes	R2 /	rporteur: MCC:	FAUCONNIER, Denis ARZELIER, Claude	NORTEL NETWORKS (EUROPE)		
history (event, available, version, RP-18	16/12/2002	0 . 0 . 0	RP-020814; version number incorrect on the document	get it	remarks - general: remarks - this release: SP-17: Currently the latest release version.				
RP-18	16/01/2003	0 . 1 . 0	RP-020877	get it					
RP-18		2 . 0 . 0	RP-020890 = composite of previous two versions!						
RP-18	13/01/2003	6 . 0 . 0	also created identical R99, Rel-4, Rel-5 versions	get it					
RP-19	25/03/2003	6 . 1 . 0		get it					
RP-20	20/06/2003	6 . 2 . 0		get it					

TR 25.996	Spacial channel model for Multiple Input Multiple Output (MIMO) simulations								
Rel-6	current version: 6.0.0 freeze_meeting:		WG (prime / other): G: U: yes	R1 /	rporteur: MCC:	HUANG, Howard SASAKI, Tsukasa	Lucent Technologies		
history (event, available, version, RP-19	24/03/2003	1 . 0 . 0	RP-030181	get it	remarks - general:				
RP-20	17/06/2003	2 . 0 . 0	RP-030311	get it	remarks - this release: .				
RP-20	03/07/2003	6 . 0 . 0		get it					

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

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

TS 26.093	AMR speech Codec; Source Controlled Rate operation					
Rel-6	current version: 6.0.0	WG (prime / other): S4 / -	rapporteur: EKUDDEN, Erik	Telefon AB LM Ericsson		
	freeze_meeting:	G: yes U: yes	MCC: USAI, Paolino			
	history (event, available, version, SP-19 04/04/2003 6 . 0 . 0	get it	remarks - general: Transfer>TSG#4			
			remarks - this release: .			
<hr/>						
TS 26.141	IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs					
Rel-6	current version: none	WG (prime / other): S4 / -	rapporteur: HONKO, Harri	NOKIA Corporation		
	freeze_meeting:	G: U: yes	MCC: USAI, Paolino			
	history (event, available, version,		remarks - general: WI = "Media Codecs and Formats for IMS Messaging and Presence" UID 32045.			
			remarks - this release: .			
<hr/>						
TS 26.234	Transparent end-to-end streaming service; Protocols and codecs					
Rel-6	current version: none	WG (prime / other): S4 / -	rapporteur: FRANCESCHI, Olle	Nippon Ericsson K.K.		
	freeze_meeting:	G: U: yes	MCC: USAI, Paolino			
	history (event, available, version,		remarks - general:			
			remarks - this release: SP-19: CRs anticipated at SP-22.			
<hr/>						
TS 26.235	Packet switched conversational multimedia applications; Default codecs					
Rel-6	current version: 6.0.0	WG (prime / other): S4 / -	rapporteur: OJALA, Pasi	Nokia Research Center		
	freeze_meeting:	G: yes U: yes	MCC: USAI, Paolino			
	history (event, available, version, SP-20 25/06/2003 6 . 0 . 0	get it	remarks - general:			
			remarks - this release: .			
<hr/>						
TS 26.244	Transparent end-to-end streaming service; 3GPP file format (3GP)					
Rel-6	current version: 0.1.3	DRAFT WG (prime / other): S4 / -	rapporteur: FRANCESCHI, Olle	Nippon Ericsson K.K.		
	freeze_meeting:	G: U: yes	MCC: USAI, Paolino			
	history (event, available, version, draft 04/04/2003 0 . 1 . 3	get it	remarks - general:			
			remarks - this release: .			

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

TS 26.245 Transparent end-to-end streaming service; Timed text format

Rel-6 *current version:* 0.1.6 DRAFT *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: G: U: yes *MCC:* USAI, Paolino

history (event, available, version,
draft 0 . 0 . 0 S4-020670 *remarks - general:*
draft 0 . 1 . 0 S4-030023 *remarks - this release:* .
draft 0 . 1 . 1 S4-030062
draft 0 . 1 . 2 S4-030151
draft 04/04/2003 0 . 1 . 3 S4-030251 [get it](#)
draft 0 . 1 . 4 S4-030344
S4-26 0 . 1 . 5 S4-030421
draft 24/07/2003 0 . 1 . 6 S4-030581 [get it](#)

TS 26.246 Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile

Rel-6 *current version:* 0.0.3 DRAFT *WG (prime / other):* S4 / - *rapporteur:* GRASSEL, Guido NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* USAI, Paolino

history (event, available, version,
draft 03/04/2003 0 . 0 . 1 [get it](#) *remarks - general:* Created S4-25bis. See S4-030135.
draft 0 . 0 . 2 erroneously numbered v6.0.2 *remarks - this release:* .
draft 29/08/2003 0 . 0 . 3 erroneously numbered v6.0.3 [get it](#)

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

Rel-6 *current version:* 0.1.0 DRAFT *WG (prime / other):* S4 / - *rapporteur:* SZELAZEK, Bill 3
freeze_meeting: G: U: yes *MCC:* USAI, Paolino

history (event, available, version,
S4-28 0 . 0 . 0 *remarks - general:* WI = "Multimedia Broadcast and Multicast Service" UID 2544.
draft 29/08/2003 0 . 1 . 0 does not show spec number or version [get it](#) *remarks - this release:* .
on cover

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

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

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

Rel-6 *current version:* 6.3.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: SP-22 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-16 25/06/2002 6 . 0 . 0 [get it](#) *remarks - general:*
TP-18 20/12/2002 6 . 1 . 0 [get it](#) *remarks - this release: .*
TP-19 31/03/2003 6 . 2 . 0 [get it](#)
TP-20 23/06/2003 6 . 3 . 0 [get it](#)

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

TS 29.002 Mobile Application Part (MAP) specification

Rel-6 *current version:* 6.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-22 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-18 09/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
NP-19 04/04/2003 6 . 1 . 0 [get it](#) *remarks - this release:*
NP-20 08/07/2003 6 . 2 . 0 [get it](#)

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-19 04/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*
NP-20 27/06/2003 6 . 1 . 0 [get it](#) *remarks - this release: .*

TS 29.162 Interworking between the IM CN subsystem and IP networks

Rel-6 *current version:* none *WG (prime / other):* N3 / *rapporteur:* HOLLAND, Nigel mmO2 plc
freeze_meeting: *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
remarks - general:
remarks - this release: Work item moved to Rel-6.

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Server ACTIVE specs Rel-6 29 .- series
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TS 29.163	Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks					
Rel-6	current version: 1.9.0		DRAFT	WG (prime / other): N3 /	rapporteur: SANDERS, David	VODAFONE Group Plc
	freeze_meeting: SP-22			G: yes U: yes	MCC: BOSWARTHICK, David	
	history (event, available, version,					
	N3-25 20/01/2003	1 . 4 . 1		get it	remarks - general:	
	NP-19 06/03/2003	1 . 5 . 0		get it	remarks - this release: NP-16: For earlier versions: see Rel-5. NP-19: anticipated to come under change control at NP-21.	
	draft 24/03/2003	1 . 5 . 1		get it		
	N3-28	1 . 6 . 0				
	NP-20 17/06/2003	1 . 7 . 0	NP-030196	get it		
	N3-29 09/09/2003	1 . 8 . 0	distributed 2003-09-08 as a "draft" v1.8.0; the held version is the "official" v1.8.0.	get it		
	NP-21 13/09/2003	1 . 9 . 0		get it		
<hr/>						
TS 29.198-04-	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions					
Rel-6	current version: 6.0.0			WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version,					
	NP-20 27/06/2003	6 . 0 . 0		get it	remarks - general:	
					remarks - this release: .	
<hr/>						
TS 29.198-04-	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF)					
Rel-6	current version: 6.0.0			WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version,					
	NP-20 27/06/2003	6 . 0 . 0		get it	remarks - general:	
					remarks - this release: .	
<hr/>						
TS 29.198-04-	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF)					
Rel-6	current version: 6.0.0			WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version,					
	NP-20 27/06/2003	6 . 0 . 0		get it	remarks - general:	
					remarks - this release: .	

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

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

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

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

TS 29.234	3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): N4 / N2	rapporteur: RODRIGUEZ, Raquel	NOKIA Corporation				
	freeze_meeting:		G: U: yes	MCC: KYMALAINEN, Kimmo					
	history (event, available, version, NP-21	1 . 0 . 0							remarks - general: Work Item = "WLAN Interworking – stage 3 definition of WLAN – 3GPP interworking", see N4-030221 (né N4-030157)
<hr/>									
TS 29.240	Generic User Profile (GUP); Stage 3; Network								
Rel-6	current version: none		WG (prime / other): N4 /	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB				
	freeze_meeting:		G: U: yes	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								remarks - general: Cf work item "Generic user profile" - may be renumbered to 27.241
									remarks - this release: 2003-03-05: Delayed from Rel-5.
<hr/>									
TS 29.332	Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mc interface; Stage 3								
Rel-6	current version: none		WG (prime / other): N4 / -	rapporteur: SCHMITT, Peter	SIEMENS AG				
	freeze_meeting: SP-22		G: U: yes	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								remarks - general: 2002-05-30: Created in response to proposed new WI in N4-020773.
									remarks - this release: Anticipated change control at NP-22.
<hr/>									
TS 29.333	Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3								
Rel-6	current version: none		WG (prime / other): N4 /	rapporteur: SANDERS, David	VODAFONE Group Plc				
	freeze_meeting: SP-22		G: U: yes	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								remarks - general:
									remarks - this release: .
<hr/>									
TR 29.846	Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description								
Rel-6	current version: 0.2.0	DRAFT	WG (prime / other): N1 /	rapporteur: HOBBS, Kevan	3				
	freeze_meeting: NP-19		G: yes U: yes	MCC: JORGENSEN, Per Johan					
	history (event, available, version, draft	0 . 0 . 1							remarks - general:
	N3-27	0 . 1 . 0	N1-0300277						remarks - this release: .
	draft 24/06/2003	0 . 2 . 0							get it

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

TR 29.847	Conferencing based on SIP, SDP, and other protocols; Functional models, information flows and protocol details				
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): N1 / -	rapporteur: MAYER, Georg	NOKIA Corporation
	freeze_meeting:		G: U: yes	MCC: JORGENSEN, Per Johan	
	history (event, available, version,				
	draft	0 . 0 . 0		remarks - general:	
	N1-29 06/05/2003	0 . 1 . 0	get it	remarks - this release: .	
	N1-30 02/06/2003	0 . 2 . 0	N1-031121	get it	
	N1-31 01/09/2003	0 . 3 . 0	get it		
	NP-21 11/09/2003	1 . 0 . 0	get it		
<hr/>					
TR 29.962	Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage				
Rel-6	current version: 6.0.0		WG (prime / other): N3 / -	rapporteur: BELLING, Thomas	SIEMENS AG
	freeze_meeting: SP-22		G: U: yes	MCC: BOSWARTHICK, David	
	history (event, available, version,				
	NP-18 06/01/2003	1 . 0 . 0	NP-020610	get it	remarks - general:
	NP-19 06/03/2003	1 . 1 . 0	NP-030073. Will be reviewed N1-28, N3-27.	get it	remarks - this release: .
	N3-29	1 . 2 . 0			
	NP-20 17/06/2003	2 . 0 . 0	NP-030197 -> NP-030293	get it	
	NP-20 23/06/2003	6 . 0 . 0	get it		
<hr/>					
TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults				
Rel-6	current version: none		WG (prime / other): N1 / RP	rapporteur: ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-22		G: yes U: yes	Peter Skov	
	history (event, available, version,				
				MCC: JORGENSEN, Per Johan	
				remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to	
				remarks - this release: . latest Release version.	

Rel-6 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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Server ACTIVE specs Rel-6 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.531 Work Plan and Study Items - RAN WG3

Rel-6 *current version:* 0.9.3 DRAFT *WG (prime / other):* R3 / - *rapporteur:* KRAUSE, Joern SIEMENS AG
freeze_meeting:
history (event, available, version, draft 23/11/2001 0 . 9 . 3 Inherited from R99.

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

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

TS 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-6 *current version:* 6.2.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
freeze_meeting: tbd *G:* *U:* yes *MCC:* DIETZE, Claus

history (event, available, version,
TP-17 18/09/2002 6 . 0 . 0
TP-18 02/01/2003 6 . 1 . 0
TP-20 23/06/2003 6 . 2 . 0

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

TS 31.102 Characteristics of the USIM application

Rel-6 *current version:* 6.2.0 *WG (prime / other):* T3 / - *rapporteur:* HEIM, Christian GIESECKE & DEVRIENT GmbH
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* DIETZE, Claus

history (event, available, version,
TP-18 02/01/2003 6 . 0 . 0
TP-19 01/04/2003 6 . 1 . 0
TP-20 23/06/2003 6 . 2 . 0

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

TS 31.103 Characteristics of the IP Multimedia Services Identity Module (ISIM) application

Rel-6 *current version:* 6.2.0 *WG (prime / other):* T3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* DIETZE, Claus

history (event, available, version,
TP-18 02/01/2003 6 . 0 . 0
TP-19 26/03/2003 6 . 1 . 0
TP-20 23/06/2003 6 . 2 . 0

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

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

TS 31.113	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes								
Rel-6	<i>current version:</i> 6.2.0 <i>freeze_meeting:</i> SP-22	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A					Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus				
	TP-16 19/06/2002 6 . 0 . 0		get it	<i>remarks - general:</i>					
	TP-17 25/09/2002 6 . 1 . 0		get it	<i>remarks - this release:</i>	.				
	TP-19 26/03/2003 6 . 2 . 0		get it						
<hr/>									
TS 31.114	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration								
Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> SP-22	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> MEYER, Michael					GIESECKE & DEVRIENT GmbH	
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus				
				<i>remarks - general:</i>					
				<i>remarks - this release:</i>	TP-15: Enhancements to Rel-5 envisaged.				
<hr/>									
TS 31.115	Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications								
Rel-6	<i>current version:</i> 6.2.0 <i>freeze_meeting:</i> SP-22	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie					GEMPLUS Card International	
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus				
	TP-16 26/06/2002 2 . 0 . 0 TP-020126		get it	<i>remarks - general:</i>	additional rapporteur: Florence Martin.				
	TP-16 19/06/2002 6 . 0 . 0		get it	<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: has evidently migrated to Rel-6.				
	TP-17 23/09/2002 6 . 1 . 0		get it						
	TP-18 02/01/2003 6 . 2 . 0		get it						
<hr/>									
TS 31.116	Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications								
Rel-6	<i>current version:</i> 6.3.0 <i>freeze_meeting:</i> SP-22	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie					GEMPLUS Card International	
	<i>history (event, available, version,</i>	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus				
	TP-16 26/06/2002 2 . 0 . 0 TP-020127		get it	<i>remarks - general:</i>	additional rapporteur: Florence Martin				
	TP-16 19/06/2002 6 . 0 . 0		get it	<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: offered for approval as Rel-6, so scrap Rel-5.				
	TP-17 23/09/2002 6 . 1 . 0		get it						
	TP-18 02/01/2003 6 . 2 . 0		get it						
	TP-19 26/03/2003 6 . 3 . 0		get it						

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

TS 31.130	(U)SIM Application Programming Interface API; (U)SIM API for Java Card(TM)									
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): T3 / -	rapporteur: JOLIVET, Paul	DoCoMo Europe S.A.					
	freeze_meeting:		G: yes U: yes	MCC: DIETZE, Claus						
history (event, available, version,	TP-20 17/06/2003	1 . 0 . 0	TP-030127	get it	remarks - general:					
					remarks - this release:	TP-20: Target for approval: TP-21.				
<hr/>										
TS 31.131	C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API									
Rel-6	current version: 6.1.0		WG (prime / other): T3 /	rapporteur: TON, Wim	ASPECTS Software Ltd					
	freeze_meeting: SP-22		G: U: yes	MCC: DIETZE, Claus						
history (event, available, version,	TP-17 24/09/2002	2 . 0 . 0	TP-020219	get it	remarks - general:	Test spec is 34.131.				
	TP-17 27/09/2002	6 . 0 . 0		get it	remarks - this release:	.				
	TP-19 26/03/2003	6 . 1 . 0		get it						
<hr/>										
TR 31.919	2G/3G Java Card(TM) Application Programming Interface (API) based applet interworking									
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): T3 / -	rapporteur: ANDRAU, Stéphane	OBERTHUR CARD SYSTEMS S.A.					
	freeze_meeting:		G: yes U: yes	MCC: DIETZE, Claus						
history (event, available, version,	TP-20 17/06/2003	1 . 0 . 0	TP-030128	get it	remarks - general:	WI UID = 43005.				
					remarks - this release:	.				

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

TS 32.140	Telecommunication management; Services operations management; Subscription management requirements									
Rel-6	current version: 6.0.0		WG (prime / other): S5 / -	rapporteur: ISLIP, John	Lucent Technologies Network Systems UK					
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian						
history (event, available, version,	SP-15 19/03/2002	1 . 0 . 0	SP-020012 (originally Rel-5)	get it	remarks - general:					
	SP-18 06/01/2003	1 . 1 . 1	SP-020728	get it	remarks - this release:	SP-15: moved from Rel-5.				
	SP-19	2 . 0 . 0	SP-030041							
	SP-19 31/03/2003	6 . 0 . 0		get it						

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

TS 32.141	Telecommunication management; Services operations management; Subscription management architecture								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ABA, Istvan	T-Mobile AUSTRIA GmbH				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-19 27/03/2003 1 . 0 . 0	SP-030042	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 32.150	Telecommunication management; Integration Reference Point (IRP): Introduction and definitions								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / T2	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>	Justification: see SP-020608. Stage 3: see 27.150. 2003-08-28: Title changed				
				<i>remarks - this release:</i>	. from "Telecommunication management; User Equipment Management (UEM);				
					UEM requirements and architecture; Stages 1 and 2".				
<hr/>									
TS 32.171	Service operations management; Subscription management resources Integration Reference Point (IRP); Requirements								
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ABA, Istvan	T-Mobile AUSTRIA GmbH				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	draft 22/08/2003 0 . 1 . 0		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 32.172	Service operations management; Subscription management resources Integration Reference Point (IRP); Network resources model								
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ABA, Istvan	T-Mobile AUSTRIA GmbH				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	draft 22/08/2003 0 . 1 . 0		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 32.240	Telecommunication management; Charging management; Charging architecture and principles								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>					
				<i>remarks - this release:</i>					

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TS 32.250	Telecommunication management; Charging management; Circuit Switched (CS) domain charging					
Rel-6	current version: none freeze_meeting: history (event, available, version,	WG (prime / other): S5 / - G: U: yes	rapporteur: NENNER, Karl-Heinz MCC: ZOICAS, Adrian	T-MOBILE DEUTSCHLAND		
					remarks - general: remarks - this release: .	
<hr/>						
TS 32.251	Telecommunication management; Charging management; Packet Switched (PS) domain charging					
Rel-6	current version: none freeze_meeting: history (event, available, version,	WG (prime / other): S5 / - G: U: yes	rapporteur: RICHARDS, MCC: ZOICAS, Adrian	NORTEL NETWORKS (EUROPE)		
					remarks - general: remarks - this release: 2003-07-10 (Zoicas): Release was unknown, now confirmed as Rel-6.	
<hr/>						
TS 32.252	Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging					
Rel-6	current version: none freeze_meeting: history (event, available, version,	WG (prime / other): S5 / - G: U: yes	rapporteur: NENNER, Karl-Heinz MCC: ZOICAS, Adrian	T-MOBILE DEUTSCHLAND		
					remarks - general: remarks - this release: .	
<hr/>						
TS 32.260	Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging					
Rel-6	current version: none freeze_meeting: history (event, available, version,	WG (prime / other): S5 / - G: U: yes	rapporteur: TEPPPO, Patrik MCC: ZOICAS, Adrian	Telefon AB LM Ericsson		
					remarks - general: remarks - this release: .	
<hr/>						
TS 32.270	Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging					
Rel-6	current version: none freeze_meeting: history (event, available, version,	WG (prime / other): S5 / - G: U: yes	rapporteur: GOERMER, Gerald MCC: ZOICAS, Adrian	SIEMENS AG		
					remarks - general: remarks - this release: .	

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

TS 32.271	Telecommunication management; Charging management; Location Services (LCS) charging								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> BIBAS, Alain		ORANGE 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/>									
TS 32.296	Telecommunication management; Charging management; On-line Charging System (OCS): Applications and interfaces								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BROWN, Yishai		Amdocs Software Systems Limited			
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i> WID = CH (SP-030047)
									<i>remarks - this release:</i> Target for approval = SP-21.
<hr/>									
TS 32.297	Telecommunication management; Charging management; Charging Data Records (CDR) file format and transfer								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RICHARDS,		NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-20 17/06/2003 1 . 0 . 0 SP-030273								get it <i>remarks - general:</i> 2003-08-18: Title changed from "Telecommunication management; Charging
									<i>remarks - this release:</i> . management; Charging interface description to the billing domain".
<hr/>									
TS 32.298	Telecommunication management; Charging management; Charging Data Record (CDR) encoding rules description								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz		T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TS 32.299	Telecommunication management; Charging management; Diameter charging application								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TEPP0, Patrik		Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i> 2003-08-18: Title changed from "Telecommunication management; Charging
									<i>remarks - this release:</i> . management; Charging protocol description".

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

TS 32.331	Telecommunication management; Notification log Integration Reference Point (IRP): Requirements					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 32.332	Telecommunication management; Notification log Integration Reference Point (IRP): Information service					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 32.333	Telecommunication management; Notification log Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> RAYMER, David	Motorola Inc.		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 32.334	Telecommunication management; Notification log Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 32.341	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Requirements					
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
	SP-20 17/06/2003 1 . 0 . 0 SP-030290		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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TS 32.342	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information service					
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	SCHMIDT, Joerg	MOTOROLA A/S
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 32.343	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set					
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	RAYMER, David	Motorola Inc.
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 32.344	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set					
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	SUERBAUM, Clemens	SIEMENS AG
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 32.350	Telecommunication management; Communication Surveillance (CS) requirements					
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	LI, Yewen	China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	WI = OAM-NIM (UID 35014)	
				<i>remarks - this release:</i>		
<hr/>						
TS 32.351	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Requirements					
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	LI, Yewen	China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	WI = OAM-NIM (UID 35014)	
				<i>remarks - this release:</i>		

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TS 32.352	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Information service					
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	LI, Yewen	China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	WI = OAM-NIM (UID 35014)	
				<i>remarks - this release:</i>	.	
<hr/>						
TS 32.353	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set					
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	LI, Yewen	China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	WI = OAM-NIM (UID 35014)	
				<i>remarks - this release:</i>	.	
<hr/>						
TS 32.354	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set					
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	LI, Yewen	China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	WI = OAM-NIM (UID 35014)	
				<i>remarks - this release:</i>	.	
<hr/>						
TS 32.361	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Requirements					
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	LI, Yewen	China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	WI = OAM-NIM (UID 35014)	
				<i>remarks - this release:</i>	.	
<hr/>						
TS 32.362	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Information service					
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	LI, Yewen	China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	WI = OAM-NIM (UID 35014)	
				<i>remarks - this release:</i>	.	

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

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TS 32.363	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i> WI = OAM-NIM (UID 35014)		
				<i>remarks - this release:</i> .		
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TS 32.364	Telecommunication Management; Entry Point (EP) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i> WI = OAM-NIM (UID 35014)		
				<i>remarks - this release:</i> .		
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TS 32.371	Security Management Integration Reference Point (IRP): Requirements					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li		HuaWei Technologies Co., Ltd	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i> WI = OAM-AR (UID 35011)		
				<i>remarks - this release:</i> .		
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TS 32.372	Security Management Integration Reference Point (IRP): Information service					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li		HuaWei Technologies Co., Ltd	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i> WI = OAM-AR (UID 35011)		
				<i>remarks - this release:</i> .		
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TS 32.373	Security Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li		HuaWei Technologies Co., Ltd	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i> WI = OAM-AR (UID 35011)		
				<i>remarks - this release:</i> .		

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

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TS 32.374	Security Management	Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li	HuaWei Technologies Co., Ltd			
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>						<i>remarks - general:</i> WI = OAM-AR (UID 35011)	
							<i>remarks - this release:</i> .	
TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM							
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i>		<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>						<i>remarks - general:</i> was 32.104 (pars)	
	SP-20 27/06/2003 6 . 0 . 0		get it				<i>remarks - this release:</i> .	
TS 32.411	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements							
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-22		<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>						<i>remarks - general:</i>	
	SP-17 16/09/2002 1 . 0 . 0 SP-020500		get it				<i>remarks - this release:</i> .	
	SP-20 17/06/2003 2 . 0 . 0 SP-030294		get it					
	SP-20 18/06/2003 6 . 0 . 0		get it					
TS 32.412	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information service							
Rel-6	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-22		<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>						<i>remarks - general:</i>	
	SP-20 17/06/2003 1 . 0 . 0 SP-030295		get it				<i>remarks - this release:</i> .	
	S5-35 29/07/2003 1 . 1 . 0		get it					
TS 32.413	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set							
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-22		<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>						<i>remarks - general:</i>	
							<i>remarks - this release:</i> .	

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TS 32.414	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
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TS 32.421	Telecommunication management; Subscriber and equipment trace: Trace concepts and requirements					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KORINEK, Frank		MOTOROLA JAPAN LTD	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-16 17/06/2002 1 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-18 06/01/2003 2 . 0 . 0		get it	<i>remarks - this release:</i> .		
	SP-18 06/01/2003 6 . 0 . 0		get it			
	SP-19 31/03/2003 6 . 1 . 0		get it			
<hr/>						
TS 32.422	Telecommunication management; Subscriber and equipment trace: Trace control and Configuration Management					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RAO, Mohan		Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
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TS 32.423	Telecommunication management; Subscriber and equipment trace: Trace data definition and management					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
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TS 32.661	Telecommunication management; Configuration Management (CM); Kernel CM requirements					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-19 01/04/2003 6 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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TS 32.662	Telecommunication management; Configuration Management (CM); Kernel CM information service								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-19 01/04/2003 6 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
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TS 32.663	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-19 03/04/2003 6 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
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TS 32.664	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG					
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-19 01/04/2003 6 . 0 . 0	get it	<i>remarks - general:</i>						
	SP-20 27/06/2003 6 . 1 . 0	get it	<i>remarks - this release:</i> .						
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TS 32.681	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements								
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
			<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
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TS 32.682	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Information service								
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
			<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						

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TS 32.683	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set					
Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> SP-22 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> PAL, Tapinder MCC: ZOICAS, Adrian		T-MOBILE DEUTSCHLAND	
				<i>remarks - general:</i> <i>remarks - this release:</i> .		
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TS 32.684	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set					
Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> SP-22 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> PAL, Tapinder MCC: ZOICAS, Adrian		T-MOBILE DEUTSCHLAND	
				<i>remarks - general:</i> <i>remarks - this release:</i> .		
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TS 32.695	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition					
Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / G: U: yes	<i>rapporteur:</i> N, A MCC: ZOICAS, Adrian		Indicate persons who left Company and wait for new One	
				<i>remarks - general:</i> <i>remarks - this release:</i> .		
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TS 32.711	Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements					
Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> PAL, Tapinder MCC: ZOICAS, Adrian		T-MOBILE DEUTSCHLAND	
				<i>remarks - general:</i> WI = OAM-NIM (UID 35014) <i>remarks - this release:</i> .		
<hr/>						
TS 32.712	Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information service					
Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> PAL, Tapinder MCC: ZOICAS, Adrian		T-MOBILE DEUTSCHLAND	
				<i>remarks - general:</i> WI = OAM-NIM (UID 35014) <i>remarks - this release:</i> .		

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

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

TS 32.713	Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set						
Rel-6	current version: none	WG (prime / other):	S5 / -	rapporteur:	PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	freeze_meeting:	G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,						
				remarks - general:	WI = OAM-NIM (UID 35014)		
				remarks - this release:	.		
<hr/>							
TS 32.714	Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set						
Rel-6	current version: none	WG (prime / other):	S5 / -	rapporteur:	PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	freeze_meeting:	G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,						
				remarks - general:	WI = OAM-NIM (UID 35014)		
				remarks - this release:	.		
<hr/>							
TS 32.715	Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition						
Rel-6	current version: none	WG (prime / other):	S5 / -	rapporteur:	PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	freeze_meeting:	G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,						
				remarks - general:	WI = OAM-NIM (UID 35014)		
				remarks - this release:	.		
<hr/>							
TR 32.815	Telecommunication management; Charging management; On-line Charging System (OCS) architecture study						
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other):	S5 / -	rapporteur:	NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND
	freeze_meeting:		G:	U: yes	MCC:	ZOICAS, Adrian	
	history (event, available, version,						
	SP-20 17/06/2003	1 . 0 . 0	SP-030274	get it	remarks - general:		
					remarks - this release:	.	

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

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

TS 33.108	3G security; Handover interface for Lawful Interception (LI)						
Rel-6	current version: 6.2.0 freeze_meeting: SP-22		WG (prime / other): S3 /	rapporteur: WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	history (event, available, version,		G: U: yes	MCC: POPE, Maurice			
	SP-18 18/12/2002 6 . 0 . 0		get it	remarks - general: 2001-12-04 Title changed from "Lawful Interception; Interface between core			
	SP-19 24/03/2003 6 . 1 . 0		get it	remarks - this release: . network and law agency equipment" (Berthold.Wilhelm@RegTP.de).			
	SP-20 18/06/2003 6 . 2 . 0		get it				
<hr/>							
TS 33.109	Bootstrapping of application security using AKA and support for subscriber certificates; System description						
Rel-6	current version: 0.3.0 freeze_meeting: SP-22	DRAFT	WG (prime / other): S3 / -	rapporteur: HAUKKA, Tao	NOKIA Corporation		
	history (event, available, version,		G: U: yes	MCC: POPE, Maurice			
	S3-27 0 . 1 . 0			remarks - general:			
	S3-28 0 . 2 . 0			remarks - this release: .			
	S3-29 11/09/2003 0 . 3 . 0		get it				
<hr/>							
TS 33.210	3G security; Network Domain Security (NDS); IP network layer security						
Rel-6	current version: 6.2.0 freeze_meeting: SP-22		WG (prime / other): S3 / -	rapporteur: KOIEN, Geir	Telenor AS		
	history (event, available, version,		G: yes U: yes	MCC: POPE, Maurice			
	SP-18 18/12/2002 6 . 0 . 0		get it	remarks - general: 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).			
	SP-19 24/03/2003 6 . 1 . 0		get it	remarks - this release: .			
	SP-20 18/06/2003 6 . 2 . 0		get it				
<hr/>							
TS 33.234	3G security; Wireless Local Area Network (WLAN) interworking security						
Rel-6	current version: 0.1.0 freeze_meeting: SP-22	DRAFT	WG (prime / other): S3 / -	rapporteur: LOPEZ SORIA, Luis	Telefon AB LM Ericsson		
	history (event, available, version,		G: U: yes	MCC: POPE, Maurice			
	S3-25 23/10/2002 0 . 1 . 0		get it	remarks - general:			
				remarks - this release: .			

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Server ACTIVE specs Rel-6 33 .- series
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TS 33.246	3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)								
Rel-6	current version: 0.2.0 freeze_meeting: SP-22	DRAFT	WG (prime / other): S3 / - G: yes U: yes	rapporteur: ESCOTT, Adrian MCC: POPE, Maurice	3				
	history (event, available, version, S3-25 23/10/2002 0 . 0 . 1 S3-25 0 . 0 . 2 S3-26 0 . 0 . 3 S3-27 0 . 1 . 0 draft 08/07/2003 0 . 1 . 1 S3-29 02/09/2003 0 . 2 . 0		get it	remarks - general: remarks - this release: .					
TS 33.310	Network domain security; Authentication framework (NDS/AF)								
Rel-6	current version: none freeze_meeting:		WG (prime / other): S3 / - G: U: yes	rapporteur: VIITANEN, Tommi MCC: POPE, Maurice	NOKIA Corporation				
	history (event, available, version, draft 0 . 0 . 0 draft 0 . 0 . 1 SP-17 1 . 0 . 0 edito post SP-17 18/09/2002 1 . 0 . 1 S3-25 1 . 1 . 0 SP-18 16/01/2003 2 . 0 . 0 SP-18 18/12/2002 6 . 0 . 0			remarks - general: remarks - this release: .					
TR 33.810	3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution								
Rel-6	current version: 6.0.0 freeze_meeting: SP-20		WG (prime / other): S3 / - G: U: yes	rapporteur: N, A MCC: POPE, Maurice	Indicate persons who left Company and wait for new One				
	history (event, available, version, draft 0 . 0 . 0 draft 0 . 0 . 1 SP-17 1 . 0 . 0 edito post SP-17 18/09/2002 1 . 0 . 1 S3-25 1 . 1 . 0 SP-18 16/01/2003 2 . 0 . 0 SP-18 18/12/2002 6 . 0 . 0	SP-020507 (wronly labeled 33.910) corrects spec number on front cover SP-020723	get it get it get it	remarks - general: 2002-07-22: was formerly 33.910. remarks - this release: SP-17: expect v2.0.0 at SP-18.					

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

TR 33.917	(Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces								
Rel-6	<i>current version:</i> 0.6.0	DRAFT	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> YAQUB, Raziq	Toshiba Corporation, Digital Media Network				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>								
	draft	0 . 0 . 1		<i>remarks - general:</i> Original WID = SP-030341.					
	TOC enhanced, Requirements & threat analysis added	0 . 0 . 2		<i>remarks - this release:</i> Original WID = SP-030341					
	More expansion on Issues 1, 4 and 5. Reference Architecture added. Also other updates.	0 . 4 . 0							
	Further comments incorporated and also some editorial improvements	0 . 5 . 0							
	Some comments accommodated, and editorial changes, clean up done	25/07/2003 0 . 6 . 0	TR number awarded.	get it					

TR 33.941	Presence service; Security								
Rel-6	<i>current version:</i> 0.5.0	DRAFT	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BOMAN, Krister	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>								
	S3-24	0 . 1 . 0	S3-020340	<i>remarks - general:</i>					
	S3-25	0 . 2 . 0	S3-020507, S3-020508	<i>remarks - this release:</i> .					
	S3-26	0 . 3 . 0	S3-020621, S3-020622						
	S3-27	0 . 4 . 0	S3-030022, S3-030070, S3-030068						
	S3-28 08/07/2003	0 . 5 . 0	S3-030246, S3-030248	get it					

Rel-6 **34** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

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Server ACTIVE specs Rel-6 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.131 Test specification for C-language binding for (U)SIM API

Rel-6 *current version:* 6.0.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: TP-25 *G: yes U: yes* *MCC:* DIETZE, Claus
history (event, available, version,
T3-13 0 . 1 . 0 *remarks - general:* Base spec is 31.131.
TP-17 24/09/2002 0 . 1 . 1 TP-020223 [get it](#) *remarks - this release:* .
TP-17 19/09/2002 1 . 0 . 0 [get it](#)
TP-19 24/03/2003 2 . 0 . 0 TP-030032 [get it](#)
TP-19 26/03/2003 6 . 0 . 0 [get it](#)

Rel-6 41 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-6 *current version:* none *WG (prime / other):* SP / *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
remarks - general:
remarks - this release: .

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

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

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

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

TS 43.055	Dual Transfer Mode (DTM); Stage 2							
Rel-6	current version: 6.2.0			WG (prime / other): G1 / G2	rapporteur: CARRIZO MARTINEZ,	VODAFONE Group Plc		
	freeze_meeting:			G: yes U:	Jose Luis			
					MCC: USAI, Paolino			
	history (event, available, version,							
	GP-13 21/02/2003 6 . 0 . 0			get it	remarks - general:			
	GP-14 25/04/2003 6 . 1 . 0			get it	remarks - this release: .			
	GP-16 12/09/2003 6 . 2 . 0			get it				
TS 43.059	Functional stage 2 description of Location Services (LCS) in GERAN							
Rel-6	current version: 6.1.0			WG (prime / other): G1 / -	rapporteur: LIVINGSTON, Margaret	NOKIA Corporation		
	freeze_meeting:			G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,							
	GP-14 25/04/2003 6 . 0 . 0			get it	remarks - general:			
	GP-15 11/07/2003 6 . 1 . 0			get it	remarks - this release: .			
TS 43.064	Overall description of the GPRS radio interface; Stage 2							
Rel-6	current version: 6.1.0			WG (prime / other): G1 / -	rapporteur: LEPPISAARI, Arto	NOKIA Corporation		
	freeze_meeting:			G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,							
	GP-15 11/07/2003 6 . 0 . 0			get it	remarks - general:			
	GP-16 12/09/2003 6 . 1 . 0			get it	remarks - this release: .			
TS 43.246	Multimedia Broadcast/Multicast Service (MBMS) in GERAN; Stage 2							
Rel-6	current version: 0.6.0	DRAFT		WG (prime / other): G2 /	rapporteur: EDWIN, Diana	SIEMENS AG		
	freeze_meeting:			G: U: yes	MCC: THOMASEN, Gert			
	history (event, available, version,							
	GP-13 0 . 1 . 0	GP-030181			remarks - general: 2003-05: G2 chair indicates that no separate stage 3 will be required, just changes			
	GP-13b 0 . 2 . 0	G2-030227			remarks - this release: . to existing GERAN protocol specs.			
	GP-14 02/05/2003 0 . 2 . 1	GP-030726	Formal TS number	get it				
			allocated on upload					
	draft 17/06/2003 0 . 4 . 1			get it				
	GP-15 0 . 5 . 0	GP-031108						
	draft 21/07/2003 0 . 6 . 0			get it				

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Server ACTIVE specs Rel-6 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

Rel-6 44 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.003	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities								
Rel-6	current version: 6.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S					
	history (event, available, version, GP-15 10/07/2003 6 . 0 . 0	G: yes U:	MCC:			get it	remarks - general: remarks - this release: .		
TS 44.014	Individual equipment type requirements and interworking; Special conformance testing functions								
Rel-6	current version: 6.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: HOWELL, Andrew THOMASEN, Gert	MOTOROLA Ltd					
	history (event, available, version, GP-16 12/09/2003 6 . 0 . 0	G: yes U:	MCC:			get it	remarks - general: remarks - this release: .		
TS 44.018	Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol								
Rel-6	current version: 6.4.1 freeze_meeting: SP-22	WG (prime / other): G2 / -	rapporteur: HOWELL, Andrew THOMASEN, Gert	MOTOROLA Ltd					
	history (event, available, version, GP-12 17/12/2002 6 . 0 . 0 GP-13 21/02/2003 6 . 1 . 0 GP-14 28/04/2003 6 . 2 . 0 GP-15 10/07/2003 6 . 3 . 0 GP-16 12/09/2003 6 . 4 . 0 problem with ToC Fix ToC 6 . 4 . 1	G: yes U:	MCC:			get it get it get it get it get it	remarks - general: remarks - this release: .		
TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)								
Rel-6	current version: 6.1.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia THOMASEN, Gert	Nortel Networks (USA)					
	history (event, available, version, GP-15 10/07/2003 6 . 0 . 0 GP-16 12/09/2003 6 . 1 . 0	G: yes U:	MCC:			get it get it	remarks - general: remarks - this release: .		

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Server ACTIVE specs Rel-6 44 .- series
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TS 44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol								
Rel-6	<i>current version:</i> 6.4.0			<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA			
	<i>freeze_meeting:</i> SP-22			<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	GP-12 17/12/2002	6 . 0 . 0		get it	<i>remarks - general:</i>	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System			
	GP-13 21/02/2003	6 . 1 . 0		get it	<i>remarks - this release:</i>	. (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol			
	GP-14 29/04/2003	6 . 2 . 0		get it					
	GP-15 10/07/2003	6 . 3 . 0		get it					
	GP-16 13/09/2003	6 . 4 . 0		get it					
<hr/>									
TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S			
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-20 03/07/2003	6 . 0 . 0		get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.			
					<i>remarks - this release:</i>	.			
<hr/>									
TS 44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu mode								
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	GP-15 10/07/2003	6 . 0 . 0		get it	<i>remarks - general:</i>	Created GP-08; see GP-020483. 2002-07-18: G1->G2.			
	GP-16 13/09/2003	6 . 1 . 0		get it	<i>remarks - this release:</i>	.			

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Server ACTIVE specs Rel-6 44 .- series
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TR 44.933 Seamless support of streaming services in GERAN A/Gb mode

Rel-6 *current version:* 1.3.0 DRAFT *WG (prime / other):* G2 / - *rapporteur:* GESSNER, Christina SIEMENS AG
freeze_meeting: G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
GP-12 0 . 1 . 0 *remarks - general:* Work item = SSSstrea.
G2-12b 0 . 2 . 0 *remarks - this release:* .
GP-13 0 . 3 . 0
GP-14 0 . 4 . 0 GP-030654
G2-14b 07/05/2003 0 . 5 . 0 (TR number not shown on doc) [get it](#)
draft 17/06/2003 0 . 6 . 0 [get it](#)
GP-15 15/07/2003 1 . 1 . 0 [get it](#)
GP-16 10/09/2003 1 . 2 . 0 [get it](#)
Update of section 12/09/2003 1 . 3 . 0 [get it](#)
6.5.3

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

TS 45.001 Physical layer on the radio path; General description

Rel-6 *current version:* 6.1.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-22 G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
GP-12 03/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
GP-14 25/04/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

TS 45.002 Multiplexing and multiple access on the radio path

Rel-6 *current version:* 6.3.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
GP-13 21/02/2003 6 . 0 . 0 [get it](#) *remarks - general:*
GP-14 25/04/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .
GP-15 11/07/2003 6 . 2 . 0 [get it](#)
GP-16 12/09/2003 6 . 3 . 0 [get it](#)

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

TS 45.003	Channel coding								
Rel-6	current version: 6.0.0		WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist	NOKIA Corporation				
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino					
	history (event, available, version,								
	GP-16 12/09/2003 6 . 0 . 0		get it	remarks - general:					
				remarks - this release: .					
<hr/>									
TS 45.005	Radio transmission and reception								
Rel-6	current version: 6.3.0		WG (prime / other): G1 / -	rapporteur: SAMUELSSON, Mats					
	freeze_meeting: SP-22		G: yes U:	MCC: USAI, Paolino					
	history (event, available, version,								
	GP-12 03/01/2003 6 . 0 . 0		get it	remarks - general:					
	GP-13 21/02/2003 6 . 1 . 0		get it	remarks - this release: .					
	GP-14 25/04/2003 6 . 2 . 0		get it						
	GP-16 12/09/2003 6 . 3 . 0		get it						
<hr/>									
TS 45.008	Radio subsystem link control								
Rel-6	current version: 6.4.0		WG (prime / other): G1 / -	rapporteur: EL-SAIGH, Amer	VODAFONE Group Plc				
	freeze_meeting: SP-22		G: yes U:	MCC: USAI, Paolino					
	history (event, available, version,								
	GP-12 03/01/2003 6 . 0 . 0		get it	remarks - general:					
	GP-13 21/02/2003 6 . 1 . 0		get it	remarks - this release: .					
	GP-14 25/04/2003 6 . 2 . 0		get it						
	GP-15 11/07/2003 6 . 3 . 0		get it						
	GP-16 12/09/2003 6 . 4 . 0		get it						
<hr/>									
TS 45.010	Radio subsystem synchronization								
Rel-6	current version: 6.2.0		WG (prime / other): G1 / -	rapporteur: JOKINEN, Harri	NOKIA MOBILE PHONES				
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino					
	history (event, available, version,								
	GP-14 25/04/2003 6 . 0 . 0		get it	remarks - general:					
	GP-15 11/07/2003 6 . 1 . 0		get it	remarks - this release: .					
	GP-16 12/09/2003 6 . 2 . 0		get it						

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

TR 45.050 Background for RF Requirements

Rel-6 *current version:* 6.0.0
freeze_meeting: SP-22

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

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

history (event, available, version,
GP-12 03/01/2003 6 . 0 . 0

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

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

Rel-6 *current version:* 6.0.0
freeze_meeting: SP-11

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

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

history (event, available, version,
GP-10 19/07/2002 6 . 0 . 0

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

TR 45.902 Flexible layer 1

Rel-6 *current version:* 6.2.0
freeze_meeting: SP-22

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

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

history (event, available, version,
draft 0 . 0 . 0
GP-12 26/11/2002 0 . 3 . 0 GP-023427
GP-13 13/02/2003 0 . 4 . 0 GP 030193
GP-13 13/02/2003 1 . 0 . 0
GP-14 25/04/2003 6 . 0 . 0
GP-15 11/07/2003 6 . 1 . 0
GP-16 12/09/2003 6 . 2 . 0

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

Rel-6 **48** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

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

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Server ACTIVE specs Rel-6 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
Rel-6	current version: 6.3.0 freeze_meeting: SP-22	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	GP-12 17/12/2002 6 . 0 . 0	get it	remarks - general:			
	GP-13 21/02/2003 6 . 1 . 0	get it	remarks - this release: .			
	GP-15 10/07/2003 6 . 2 . 0	get it				
	GP-16 12/09/2003 6 . 3 . 0	get it				
<hr/>						
TS 48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol					
Rel-6	current version: 6.2.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: BLACK, Jyoti THOMASEN, Gert	MOTOROLA		
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	GP-13 21/02/2003 6 . 0 . 0	get it	remarks - general:			
	GP-14 29/04/2003 6 . 1 . 0	get it	remarks - this release: .			
	GP-15 10/07/2003 6 . 2 . 0	get it				
<hr/>						
TS 48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification					
Rel-6	current version: 6.0.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	GP-16 12/09/2003 6 . 0 . 0	get it	remarks - general:			
			remarks - this release: .			
<hr/>						
TS 48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification					
Rel-6	current version: 6.2.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	GP-14 29/04/2003 6 . 0 . 0	get it	remarks - general:			
	GP-15 10/07/2003 6 . 1 . 0	get it	remarks - this release: .			
	GP-16 12/09/2003 6 . 2 . 0	get it				

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

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Server ACTIVE specs Rel-6 49 .- series
http://www.3gpp.org/ftp/Specs/archive/49_series

Rel-6 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

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

Rel-6 current version: 6.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: MCC: THOMASEN, Gert

history (event, available, version,
GP-15 10/07/2003 6 . 0 . 0

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

Rel-6 50 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.099 GERAN project plan and open issues

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

history (event, available, version,
draft 20/03/2002 0 . 1 . 6 ex-Rel-5.

[get it](#) remarks - general: 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as
remarks - this release: 2003-01-14: Fel-5 frozen, so migrated to Rel-6. Rel-5. GP-12: Rel-5 frozen, so draft

moved to Rel-6.

Rel-6 51 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.021 GSM radio aspects base station system equipment specification

Rel-6 current version: 6.1.0 WG (prime / other): G1 / - rapporteur: BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: G: yes U: MCC: USAI, Paolino

history (event, available, version,
GP-13 21/02/2003 6 . 0 . 0
GP-15 11/07/2003 6 . 1 . 0

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

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

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

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

TS 52.008 Telecommunication management; GSM subscriber and equipment trace

Rel-6 *current version:* 0.1.2 DRAFT *WG (prime / other):* S5 / - *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: SP-22 *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version, draft 15/07/2003 0 . 1 . 2) [get it](#) *remarks - general:*
remarks - this release: .

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

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

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

TS 55.216 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: SP-20 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, SP-17 22/07/2002 1 . 0 . 0 SP-020506 *pars for approval* [get it](#) *remarks - general:*
SP-17 18/09/2002 6 . 0 . 0 [get it](#) *remarks - this release:* .
SP-18 18/12/2002 6 . 1 . 0 [get it](#)

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

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

TS 55.217	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data								
Rel-6	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> SP-20		<i>WG (prime / other):</i> S3 /	<i>rporteur:</i> N, A					Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i>		G: yes U:		MCC:	POPE, Maurice			
	SP-17 22/07/2002 1 . 0 . 0	SP-020506	pars for approval	get it	<i>remarks - general:</i>				
	SP-17 18/09/2002 6 . 0 . 0			get it	<i>remarks - this release:</i> .				
	SP-18 18/12/2002 6 . 1 . 0			get it					
<hr/>									
TS 55.218	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data								
Rel-6	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> SP-20		<i>WG (prime / other):</i> S3 /	<i>rporteur:</i> N, A					Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i>		G: yes U:		MCC:	POPE, Maurice			
	SP-17 22/07/2002 1 . 0 . 0	SP-020506	pars for approval	get it	<i>remarks - general:</i>				
	SP-17 18/09/2002 6 . 0 . 0			get it	<i>remarks - this release:</i> .				
	SP-18 18/12/2002 6 . 1 . 0			get it					
<hr/>									
TR 55.919	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report								
Rel-6	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> SP-20		<i>WG (prime / other):</i> S3 /	<i>rporteur:</i> N, A					Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i>		G: yes U:		MCC:	POPE, Maurice			
	SP-17 22/07/2002 1 . 0 . 0	SP-020506	pars for approval	get it	<i>remarks - general:</i>				
	SP-17 18/09/2002 6 . 0 . 0			get it	<i>remarks - this release:</i> .				
	SP-18 18/12/2002 6 . 1 . 0			get it					

Rel-5

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

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

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

TS 21.101	Technical Specifications and Technical Reports for a UTRAN-based 3GPP system								
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-20	<i>G:</i>		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-20 25/06/2003	5 . 4 . 0	Created from 21.103 v5.4.0	get it	<i>remarks - general:</i>	2003-05: Title changed from "3rd Generation mobile system Release 1999			
					<i>remarks - this release:</i>	. Specifications".			
<hr/>									
TS 21.111	USIM and IC card requirements								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	KALINER, Stefan	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> TP-16	<i>G:</i>		<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-16 19/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-17 18/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			
<hr/>									
TR 21.801	Specification drafting rules								
Rel-5	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-15	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	edito 19/07/2002	5 . 0 . 1		get it	<i>remarks - this release:</i>	.			
	edito 15/05/2003	5 . 0 . 2		get it					
<hr/>									
TR 21.900	Technical Specification Group working methods								
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-15	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	edito post SP-17 18/09/2002	5 . 0 . 1	corrects Release id on cover page	get it	<i>remarks - this release:</i>	.			

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

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

TR 21.905 Vocabulary for 3GPP Specifications

Rel-5 *current version:* 5.7.0 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,

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

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

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

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

history (event, available, version,

SP-16	19/07/2002	5	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#5 <i>remarks - this release:</i> .
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TS 22.002 Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: SP-16 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,

SP-16	04/07/2002	5	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4 <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 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)					
Rel-5	current version: 5.2.0 freeze_meeting: SP-15	WG (prime / other): S1 / - G: yes U: yes		rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael		NOKIA Corporation
	history (event, available, version, SP-14 10/01/2002 5 . 0 . 0 SP-15 25/03/2002 5 . 1 . 0 SP-16 04/07/2002 5 . 2 . 0	get it	remarks - general: Transfer>TSG#5 remarks - this release: .			
TS 22.004	General on supplementary services					
Rel-5	current version: 5.0.0 freeze_meeting: SP-16	WG (prime / other): S1 / - G: yes U: yes		rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited
	history (event, available, version, SP-16 19/07/2002 5 . 0 . 0	get it	remarks - general: Transfer>TSG#4 remarks - this release: .			
TS 22.011	Service accessibility					
Rel-5	current version: 5.1.0 freeze_meeting: SP-16	WG (prime / other): S1 / - G: yes U: yes		rapporteur: GALLAIRE, Jean Paul MCC: CLAYTON, Michael		France Telecom
	history (event, available, version, SP-16 19/07/2002 5 . 0 . 0 SP-17 17/09/2002 5 . 1 . 0	get it get it	remarks - general: Transfer>TSG#4 remarks - this release: .			
TS 22.016	International Mobile Equipment Identities (IMEI)					
Rel-5	current version: 5.0.0 freeze_meeting: SP-16	WG (prime / other): S1 / - G: yes U: yes		rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael		NOKIA Corporation
	history (event, available, version, SP-16 19/07/2002 5 . 0 . 0	get it	remarks - general: Transfer>TSG#4 remarks - this release: .			
TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification					
Rel-5	current version: 5.0.0 freeze_meeting: SP-17	WG (prime / other): S3 / - G: yes U: yes		rapporteur: NGUYEN NGOC, Sebastien MCC: POPE, Maurice		France Telecom
	history (event, available, version, SP-17 18/09/2002 5 . 0 . 0 identical to 4.1.0.	get it	remarks - general: Transfer>TSG#4 remarks - this release: .			

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

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

TS 22.024	Description of Charge Advice Information (CAI)								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> DWYER, Paul <i>MCC:</i> CLAYTON, Michael		NORTEL NETWORKS (EUROPE)			
	<i>history (event, available, version, SP-16 19/07/2002 5 . 0 . 0</i>		get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5 <i>remarks - this release:</i> .					
TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> TOIVANEN, Annukka <i>MCC:</i> CLAYTON, Michael		NOKIA Corporation			
	<i>history (event, available, version, SP-16 19/07/2002 5 . 0 . 0</i>		get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .					
TS 22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-18	<i>WG (prime / other):</i> S3 / G: yes U: yes		<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice		Indicate persons who left Company and wait for new One			
	<i>history (event, available, version, SP-18 06/01/2003 5 . 0 . 0</i> Technically identical to 43.031 v5.0.0.		get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & <i>remarks - this release:</i> Created from 42.031 Rel-5. Rel-5 -> 22.031.					
TS 22.032	Immediate Service Termination (IST); Service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S3 / G: yes U: yes		<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice		Indicate persons who left Company and wait for new One			
	<i>history (event, available, version, SP-16 24/06/2002 5 . 0 . 0</i>		get it	<i>remarks - general:</i> SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). <i>remarks - this release:</i> .					
TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> KOKKOLA, Tommi <i>MCC:</i> CLAYTON, Michael		NOKIA Corporation			
	<i>history (event, available, version, SP-16 19/07/2002 5 . 0 . 0</i>		get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .					

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

TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1									
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited				
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael					
	<i>history (event, available, version,</i>									
	SP-09 18/10/2000	5 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4				
	SP-10 08/01/2001	5 . 1 . 0		get it	<i>remarks - this release:</i>					
	SP-12 27/06/2001	5 . 2 . 0		get it						
	SP-20 18/06/2003	5 . 3 . 0		get it						
<hr/>										
TS 22.041	Operator Determined Call Barring									
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	WOLAK, Stephen	VODAFONE Group Plc				
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael					
	<i>history (event, available, version,</i>									
	SP-16 19/07/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4				
					<i>remarks - this release:</i>	.				
<hr/>										
TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1									
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB				
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael					
	<i>history (event, available, version,</i>									
	SP-16 19/07/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4				
	SP-20 18/06/2003	5 . 1 . 0		get it	<i>remarks - this release:</i>	.				
<hr/>										
TS 22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1									
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	T3 / S3	<i>rapporteur:</i>	BARNES, Nigel	MOTOROLA Ltd				
	<i>freeze_meeting:</i> TP-20	<i>G: yes U: yes</i>		<i>MCC:</i>	DIETZE, Claus					
	<i>history (event, available, version,</i>									
	TP-20 23/06/2003	5 . 0 . 0	technically identical to v4.0.0	get it	<i>remarks - general:</i>	TP-12: was previously 42.048.				
					<i>remarks - this release:</i>	.				
<hr/>										
TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1									
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	NAVARRO, William	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>		<i>MCC:</i>	USAI, Paolino					
	<i>history (event, available, version,</i>									
	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4.				
					<i>remarks - this release:</i>	.				

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TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1						
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CATALDO, Mark	Openwave Systems (N.I.) Ltd	
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-09 18/10/2000	5 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution		
	SP-11 02/04/2001	5 . 1 . 0	get it	<i>remarks - this release:</i>	Environment (MExE); Stage 1".		
	SP-13 05/10/2001	5 . 2 . 0	get it				
	SP-15 25/03/2002	5 . 3 . 0	get it				
	edito post SP-15 04/04/2002	5 . 3 . 1	get it				
	SP-16 04/07/2002	5 . 4 . 0	get it				
<hr/>							
TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-13 05/10/2001	5 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4		
	SP-15 25/03/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.		
	SP-16 04/07/2002	5 . 2 . 0	get it				
	SP-19 25/03/2003	5 . 3 . 0	get it				
<hr/>							
TS 22.066	Support of Mobile Number Portability (MNP); Stage 1						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-16 19/07/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4		
	SP-20 18/06/2003	5 . 1 . 0	get it	<i>remarks - this release:</i>	.		
<hr/>							
TS 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-16 19/07/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4		
				<i>remarks - this release:</i>	.		

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TS 22.071 Location Services (LCS); Stage 1

Rel-5 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* WOHLERT, Randolph SBC Communications Inc.
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-14 10/01/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-15 25/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
edito post SP-15 04/04/2002 5 . 1 . 1 [get it](#)

TS 22.072 Call Deflection (CD); Stage 1

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1						
Rel-5	current version: 5.10.0 freeze_meeting: SP-15	WG (prime / other): S1 / - G: yes U: yes	rapporteur: GRECH, Michel MCC: CLAYTON, Michael			Lucent Technologies Network Systems UK	
	history (event, available, version, SP-09 09/11/2000 5 . 0 . 0 SP-10 08/01/2001 5 . 1 . 0 SP-11 02/04/2001 5 . 2 . 0 SP-12 27/06/2001 5 . 3 . 0 SP-13 05/10/2001 5 . 4 . 0 SP-14 10/01/2002 5 . 5 . 0 SP-15 25/03/2002 5 . 6 . 0 SP-16 04/07/2002 5 . 7 . 0 SP-17 17/09/2002 5 . 8 . 0 SP-18 18/12/2002 5 . 9 . 0 edito (fix missing headers/footers) 07/01/2003 5 . 9 . 1 SP-19 25/03/2003 5 . 10 . 0	unclear how to implement CR get it get it get it get it get it get it get it get it get it get it get it	remarks - general: remarks - this release:				
TS 22.079	Support of optimal routing; Stage 1						
Rel-5	current version: 5.0.0 freeze_meeting: SP-16	WG (prime / other): S1 / - G: yes U: yes	rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael			EMCOM Ltd	
	history (event, available, version, SP-16 19/07/2002 5 . 0 . 0	get it	remarks - general: Transfer>TSG#4 remarks - this release: .				
TS 22.081	Line Identification supplementary services; Stage 1						
Rel-5	current version: 5.0.0 freeze_meeting: SP-16	WG (prime / other): S1 / - G: yes U: yes	rapporteur: AHNBERG, Tomas MCC: CLAYTON, Michael			Indicate persons who left Company and wait for new One	
	history (event, available, version, SP-16 19/07/2002 5 . 0 . 0	get it	remarks - general: Transfer>TSG#4 remarks - this release: .				

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TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			

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TS 22.087	User-to-user signalling (UUS); Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BRADEN, Christian	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.088	Call Barring (CB) supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			

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TS 22.094	Follow Me service description - Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to			
			<i>remarks - this release:</i> . scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094.			
TS 22.096	Name identification supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
TS 22.101	Service aspects; Service principles					
Rel-5	<i>current version:</i> 5.10.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-09 18/10/2000 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-10 08/01/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-11 02/04/2001 5 . 2 . 0	get it				
	SP-12 27/06/2001 5 . 3 . 0	get it				
	SP-13 05/10/2001 5 . 4 . 0	get it				
	SP-15 25/03/2002 5 . 5 . 0	get it				
	SP-16 04/07/2002 5 . 6 . 0	get it				
	SP-17 17/09/2002 5 . 7 . 0	get it				
	SP-18 18/12/2002 5 . 8 . 0	get it				
	SP-19 25/03/2003 5 . 9 . 0	get it				
	SP-20 18/06/2003 5 . 10 . 0	get it				

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TS 22.105	Services and service capabilities					
Rel-5	current version: 5.2.0 freeze_meeting: SP-15	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom		
	history (event, available, version,	G: U: yes	MCC: CLAYTON, Michael			
	SP-13 05/10/2001 5 . 0 . 0				get it	remarks - general:
	SP-15 25/03/2002 5 . 1 . 0				get it	remarks - this release: .
	SP-16 04/07/2002 5 . 2 . 0				get it	
TS 22.112	USIM toolkit interpreter; Stage 1					
Rel-5	current version: 5.0.0 freeze_meeting: TP-15	WG (prime / other): T3 / -	rapporteur: MEYER, Michael	GIESECKE & DEVRIENT GmbH		
	history (event, available, version,	G: U: yes	MCC: DIETZE, Claus			
	TP-13 12/10/2001 5 . 0 . 0				get it	remarks - general:
						remarks - this release: .
TS 22.115	Service Aspects Charging and billing					
Rel-5	current version: 5.3.0 freeze_meeting: SP-15	WG (prime / other): S1 / -	rapporteur: MONTEGROSSO, Emanuele	TELECOM ITALIA S.p.A.		
	history (event, available, version,	G: yes U: yes	MCC: CLAYTON, Michael			
	SP-11 02/04/2001 5 . 0 . 0				get it	remarks - general:
	SP-12 27/06/2001 5 . 1 . 0				get it	remarks - this release:
	SP-15 28/03/2002 5 . 2 . 0				get it	
	SP-20 18/06/2003 5 . 3 . 0				get it	
TR 22.121	Service aspects; The Virtual Home Environment; Stage 1					
Rel-5	current version: 5.3.1 freeze_meeting: SP-15	WG (prime / other): S1 / -	rapporteur: OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited		
	history (event, available, version,	G: yes U: yes	MCC: CLAYTON, Michael			
	SP-11 02/04/2001 5 . 0 . 0				get it	remarks - general: Former title: "Provision of Services in UMTS - The Virtual Home Environment;
	SP-12 27/06/2001 5 . 1 . 0				get it	remarks - this release: Stage 1". SP-16: converted from TS to TR.
	SP-14 10/01/2002 5 . 2 . 0				get it	
	SP-15 28/03/2002 5 . 3 . 0				get it	
	SP-16 19/07/2002 5 . 3 . 1				get it	Converted from TS to TR.

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael SIEMENS AG

history (event, available, version,
SP-12 27/06/2001 5 . 0 . 0 [get it](#) *remarks - general:*
SP-13 05/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:* .
edito 09/10/2001 5 . 1 . 1 [get it](#)
SP-14 10/01/2002 5 . 2 . 0 [get it](#)
SP-15 29/03/2002 5 . 3 . 0 [get it](#)
SP-16 04/07/2002 5 . 4 . 0 [get it](#)
SP-18 18/12/2002 5 . 5 . 0 [get it](#)

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

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

history (event, available, version,
SP-13 05/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
SP-14 10/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-16 04/07/2002 5 . 2 . 0 [get it](#)

TS 22.135 Multicall; Service description; Stage 1

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

history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

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

history (event, available, version,
SP-14 10/01/2002 5 . 0 . 0 [get it](#) *remarks - general:* (development in T2)
SP-15 28/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-16 04/07/2002 5 . 2 . 0 [get it](#)
SP-17 17/09/2002 5 . 3 . 0 [get it](#)
SP-18 20/12/2002 5 . 4 . 0 [get it](#)

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

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TS 22.226	Global text telephony (GTT); Stage 1: Service description					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HELLSTROM, Gunnar		Omnitor AB	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-09 27/11/2000 1 . 0 . 0	get it	<i>remarks - general:</i> SP-16: to "GERAN" set.			
	SP-12 27/06/2001 2 . 0 . 0	get it	<i>remarks - this release:</i> WI approved TSG#7		SP-010266	
	SP-12 27/06/2001 5 . 0 . 0	get it				
	SP-13 05/10/2001 5 . 1 . 0	get it				
	SP-15 28/03/2002 5 . 2 . 0	get it				
<hr/>						
TS 22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> CATALDO, Mark		Openwave Systems (N.I.) Ltd	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-09 28/09/2000 1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-10 12/01/2001 5 . 0 . 0	get it	<i>remarks - this release:</i> Clayton 2000-10-16: Rel-5 confirmed.			
	SP-11 02/04/2001 5 . 1 . 0	get it				
	SP-12 27/06/2001 5 . 2 . 0	get it				
	SP-13 05/10/2001 5 . 3 . 0	get it				
	SP-14 10/01/2002 5 . 4 . 0	get it				
	SP-15 28/03/2002 5 . 5 . 0	get it				
	SP-16 19/07/2002 5 . 6 . 0	get it				
<hr/>						
TS 22.233	Transparent end-to-end packet-switched streaming service; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOLAK, Stephen		VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	S1-12 0 . 1 . 0		<i>remarks - general:</i>			
	S1-13 0 . 2 . 0		<i>remarks - this release:</i> .			
	S1-14 0 . 3 . 0					
	SP-14 02/01/2002 1 . 0 . 0	get it			SP-010733	
	SP-15 19/03/2002 2 . 0 . 0	get it			SP-020062	
	SP-15 27/03/2002 5 . 0 . 0	get it				

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

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

TR 22.944 Service requirements for UE functionality split

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

history (event, available, version,

SP-14	02/01/2002	1	.	0	.	0	SP-010679, SP-020064	get it	<i>remarks - general:</i>
SP-15	19/03/2002	2	.	0	.	0	SP-020064	get it	<i>remarks - this release:</i> .
SP-15	02/04/2002	5	.	0	.	0	Not fit for SDO publication. Contains many editor's notes.	get it	
SP-16	04/07/2002	5	.	1	.	0		get it	

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

TS 23.002 Network architecture

Rel-5 *current version:* 5.11.0 *freeze_meeting:* SP-15 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
G: yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,

SP-09	18/10/2000	5	.	0	.	0		get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5
SP-10	21/12/2000	5	.	1	.	0		get it	<i>remarks - this release:</i>
SP-11	06/04/2001	5	.	2	.	0		get it	
SP-12	12/07/2001	5	.	3	.	0		get it	
SP-13	12/10/2001	5	.	4	.	0		get it	
SP-14	07/01/2002	5	.	5	.	0		get it	
SP-15	02/04/2002	5	.	6	.	0		get it	
SP-16	17/06/2002	5	.	7	.	0		get it	
SP-17	24/09/2002	5	.	8	.	0		get it	
SP-18	10/01/2003	5	.	9	.	0		get it	
SP-19	27/03/2003	5	.	10	.	0		get it	
SP-20	20/06/2003	5	.	11	.	0		get it	

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Server ACTIVE specs Rel-5 23 .- series
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TS 23.003	Numbering, Addressing and Identification					
Rel-5	current version: 5.6.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE LTD
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-12 27/06/2001	5 . 0 . 0	get it	remarks - general:		
	NP-13 03/10/2001	5 . 1 . 0	get it	remarks - this release: .		
	NP-14 11/01/2002	5 . 2 . 0	get it			
	NP-16 21/06/2002	5 . 3 . 0	get it			
	NP-17 17/09/2002	5 . 4 . 0	get it			
	NP-18 07/01/2003	5 . 5 . 0	get it			
	post NP-18 fix 10/01/2003	5 . 5 . 1	get it			
	corrupted figures					
	pp24 ff					
	NP-20 27/06/2003	5 . 6 . 0	get it			
<hr/>						
TS 23.007	Restoration procedures					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE LTD
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-16 21/06/2002	5 . 0 . 0	get it	remarks - general:		
				remarks - this release: .		
<hr/>						
TS 23.008	Organisation of subscriber data					
Rel-5	current version: 5.5.0	WG (prime / other):	N4 / -	rapporteur:	BAUER, Rolf	ALCATEL SEL AG
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-15 28/03/2002	5 . 0 . 0	get it	remarks - general:		
	NP-16 21/06/2002	5 . 1 . 0	get it	remarks - this release: .		
	NP-17 17/09/2002	5 . 2 . 0	get it			
	NP-18 07/01/2003	5 . 3 . 0	get it			
	NP-19 04/04/2003	5 . 4 . 0	get it			
	NP-20 27/06/2003	5 . 5 . 0	get it			

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

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TS 23.009	Handover procedures					
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND,		Ericsson Incorporated
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	Rouzbeh		
				<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>					
	NP-14 08/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-16 20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	NP-17 17/09/2002	5 . 2 . 0	get it			
	NP-18 02/01/2003	5 . 3 . 0	get it			
	NP-19 24/03/2003	5 . 4 . 0	get it			
	NP-20 27/06/2003	5 . 5 . 0	get it			
<hr/>						
TS 23.011	Technical realization of Supplementary Services					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 23.012	Location management procedures					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo		TeliaSonera AB
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-15 28/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-20 01/07/2003	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
<hr/>						
TS 23.014	Support of Dual Tone Multi Frequency (DTMF) signalling					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert		SIEMENS AG
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>					
	NP-16 26/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i> Should not be in UMTS ????		
	NP-17 17/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		

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TS 23.015	Technical realisation of Operator Determined Barring (ODB)								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: PARK, Ian David Chalmers	VODAFONE LTD					
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo						
		get it	remarks - general: remarks - this release: .						
TS 23.016	Subscriber data management; Stage 2								
Rel-5	current version: 5.2.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich Chalmers	Gesellschaft für Kommunikations Software					
	history (event, available, version, NP-15 28/03/2002 5 . 0 . 0 NP-16 21/06/2002 5 . 1 . 0 NP-17 17/09/2002 5 . 2 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo						
		get it	remarks - general: remarks - this release: .						
		get it							
		get it							
TS 23.018	Basic Call Handling; Technical realization								
Rel-5	current version: 5.7.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: PARK, Ian David Chalmers	VODAFONE LTD					
	history (event, available, version, NP-12 27/06/2001 5 . 0 . 0 NP-13 03/10/2001 5 . 1 . 0 NP-14 16/01/2002 5 . 2 . 0 NP-15 28/03/2002 5 . 3 . 0 NP-17 17/09/2002 5 . 4 . 0 NP-18 07/01/2003 5 . 5 . 0 NP-19 04/04/2003 5 . 6 . 0 NP-20 27/06/2003 5 . 7 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo						
		get it	remarks - general: remarks - this release: .						
		get it							
		get it							
		get it							
		get it							
		get it							
		get it							
TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2								
Rel-5	current version: 5.0.0 freeze_meeting: SP-18	WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	history (event, available, version, SP-18 06/01/2003 5 . 0 . 0 Technically identical to 43.031 v5.0.0	G: yes U: yes	MCC: POPE, Maurice						
		get it	remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & remarks - this release: Created from 43.031 Rel-5. Rel-5 -> 23.031.						

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TS 23.032	Universal Geographical Area Description (GAD)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-19	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui						
	<i>history (event, available, version,</i>								
	SP-19 27/03/2003 5 . 0 . 0	get it	<i>remarks - general:</i> S2 responsibility?						
			<i>remarks - this release:</i> .						
<hr/>									
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i>						
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	NP-16 26/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
	NP-18 18/12/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .						
	NP-19 24/03/2003 5 . 2 . 0	get it							
<hr/>									
TS 23.035	Immediate Service Termination (IST); Stage 2								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).						
	SP-17 18/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .						
<hr/>									
TS 23.038	Alphabets and language-specific information								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited					
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	TP-15 21/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
<hr/>									
TR 23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited					
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	TP-16 02/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						

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

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TS 23.040 Technical realization of Short Message Service (SMS)

Rel-5 *current version:* 5.6.1 *freeze_meeting:* TP-15
history (event, available, version,
NP-12 05/07/2001 5 . 0 . 0 [get it](#) *remarks - general:*
TP-13 03/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:* .
TP-14 11/01/2002 5 . 2 . 0 [get it](#)
TP-15 26/03/2002 5 . 3 . 0 [get it](#)
TP-16 05/07/2002 5 . 4 . 0 [get it](#)
TP-17 18/09/2002 5 . 5 . 0 [get it](#)
post TP-17: adds 24/09/2002 5 . 5 . 1 [get it](#)
test vector file
TP-20 26/06/2003 5 . 6 . 0 figures 15h & g illegible [get it](#)
TP-20 5 . 6 . 1 fixes illegible figures

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

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-5 *current version:* 5.1.0 *freeze_meeting:* TP-16
history (event, available, version,
TP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
TP-19 24/03/2003 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

TS 23.042 Compression algorithm for SMS

Rel-5 *current version:* 5.0.0 *freeze_meeting:* TP-15
history (event, available, version,
TP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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

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TS 23.048	Security mechanisms for the (U)SIM application toolkit; Stage 2					
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> TP-15	<i>G: yes U: yes</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-12 06/07/2001 5 . 0 . 0	get it	<i>remarks - general:</i> TP-12: replaces 43.048. TP-15: For test spec, see 31.048,			
	TP-13 12/10/2001 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	TP-14 17/01/2002 5 . 2 . 0	get it				
	TP-15 28/03/2002 5 . 3 . 0	get it				
	TP-17 23/09/2002 5 . 4 . 0	get it				
	TP-18 02/01/2003 5 . 5 . 0	get it				
	TP-19 26/03/2003 5 . 6 . 0	get it				
	TP-20 23/06/2003 5 . 7 . 0	get it				
<hr/>						
TS 23.053	Tandem Free Operation (TFO); Service description; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / S2	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> No draft.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BRENK, Lars	TTPCom Ltd		
	<i>freeze_meeting:</i> TP-15	<i>G: yes U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	TP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Apr-2001: " Station Application" removed from title.			
	TP-17 18/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			

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

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TS 23.060	General Packet Radio Service (GPRS) Service description; Stage 2						
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ZHAO, Yilin	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>						
	SP-14 08/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-15 05/04/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	SP-16 17/06/2002 5 . 2 . 0	get it					
	SP-17 02/10/2002 5 . 3 . 0	get it					
	SP-18 10/01/2003 5 . 4 . 0	get it	Seems that approved CR418 was not implemented.				
	SP-19 27/03/2003 5 . 5 . 0	get it					
	SP-20 20/06/2003 5 . 6 . 0	get it					
<hr/>							
TS 23.066	Support of GSM Mobile Number Portability (MNP) stage 2						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> LOPEZ SORIA, Luis	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5				
	NP-20 27/06/2003 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
<hr/>							
TS 23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG			
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
<hr/>							
TS 23.072	Call Deflection Supplementary Service; Stage 2						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				

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

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TS 23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2					
Rel-5	current version: 5.4.0 freeze_meeting: NP-16	WG (prime / other): N2 / - G: yes U: yes		rapporteur: HOMANN, Christian MCC: JURISIC, Andrijana	ALCATEL SEL AG	
history (event, available, version,						
	NP-16 17/06/2002	5 . 0 . 0	get it	remarks - general: CR at TSG#4,CR at TSG#5		
	NP-17 17/09/2002	5 . 1 . 0	get it	remarks - this release: Phase 4.		
	NP-18 18/12/2002	5 . 2 . 0	get it			
	NP-19 25/03/2003	5 . 3 . 0	get it			
	NP-20 20/06/2003	5 . 4 . 0	get it			
<hr/>						
TS 23.079	Support of Optimal Routing (SOR); Technical realization; Stage 2					
Rel-5	current version: 5.2.0 freeze_meeting: NP-15	WG (prime / other): N4 / - G: yes U: yes		rapporteur: PARK, Ian David Chalmers MCC: KYMALAINEN, Kimmo	VODAFONE LTD	
history (event, available, version,						
	NP-15 28/03/2002	5 . 0 . 0	get it	remarks - general: CR at TSG#4,CR at TSG#5		
	NP-16 21/06/2002	5 . 1 . 0	get it	remarks - this release: .		
	NP-18 07/01/2003	5 . 2 . 0	get it			
<hr/>						
TS 23.081	Line Identification supplementary services; Stage 2					
Rel-5	current version: 5.2.0 freeze_meeting: NP-15	WG (prime / other): N4 / - G: yes U: yes		rapporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	TeliaSonera AB	
history (event, available, version,						
	NP-16 24/06/2002	5 . 0 . 0	get it	remarks - general:		
	NP-17 17/09/2002	5 . 1 . 0	get it	remarks - this release: .		
	NP-19 04/04/2003	5 . 2 . 0	get it			
<hr/>						
TS 23.082	Call Forwarding (CF) Supplementary Services; Stage 2					
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N4 / - G: yes U: yes		rapporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	TeliaSonera AB	
history (event, available, version,						
	NP-16 21/06/2002	5 . 0 . 0	get it	remarks - general:		
				remarks - this release: .		

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TS 23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 17/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 23.084	MultiParty (MPTY) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-12 27/06/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.085	Closed User Group (CUG) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.086	Advice of Charge (AoC) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.087	User-to-User Signalling (UUS) supplementary service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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TS 23.088	Call Barring (CB) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.090	Unstructured Supplementary Service Data (USSD); Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CROOK, Mick	ORANGE PCS LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 21/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 17/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.094	Follow Me Stage 2					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5			
	post NP-16 edito: 01/07/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			
	make fig 5.1					

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TS 23.096 Name Identification Supplementary Service; Stage 2

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

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: .

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

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

WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
remarks - this release: .

TS 23.107 Quality of Service (QoS) concept and architecture

Rel-5 *current version:* 5.9.0
freeze_meeting: SP-15
history (event, available, version,
SP-11 11/04/2001 5 . 0 . 0
SP-12 29/06/2001 5 . 1 . 0
SP-13 12/10/2001 5 . 2 . 0
SP-14 07/01/2002 5 . 3 . 0
SP-15 07/04/2002 5 . 4 . 0
SP-16 17/06/2002 5 . 5 . 0
SP-17 24/09/2002 5 . 6 . 0
SP-18 10/01/2003 5 . 7 . 0
SP-19 27/03/2003 5 . 8 . 0
SP-20 26/06/2003 5 . 9 . 0

WG (prime / other): S2 / - *rapporteur:* GREIS, Marc NOKIA Corporation
G: U: yes *MCC:* YOON, Sang-Ui
[get it](#) *remarks - general:* was 23.907
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
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TS 23.108 Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-16
history (event, available, version,
NP-16 28/06/2002 5 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
G: yes U: yes *MCC:* JORGENSEN, Per Johan
[get it](#) *remarks - general:* This is clause 7 from 04.08 ex R98.
remarks - this release: 2002-04-15: N1-23 decision to continue to Rel-5.

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TS 23.116	Super-Charger technical realization; Stage 2								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: ALLEN, Nicholas	Indicate persons who left Company and wait for new One					
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo						
		get it	remarks - general: New after TSG#5						
			remarks - this release: .						
<hr/>									
TS 23.119	Gateway Location Register (GLR); Stage2								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: SAWADA, Masahiro	NTT DoCoMo Inc.					
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo						
		get it	remarks - general: New after TSG#5						
			remarks - this release: .						
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TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode								
Rel-5	current version: 5.2.0 freeze_meeting: NP-15	WG (prime / other): N1 / -	rapporteur: HIETALAHTI, Hannu	NOKIA Corporation					
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0 NP-17 17/09/2002 5 . 1 . 0 NP-18 18/12/2002 5 . 2 . 0	G: U: yes	MCC: JORGENSEN, Per Johan						
		get it	remarks - general:						
		get it	remarks - this release: .						
		get it							
<hr/>									
TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-5	current version: 5.2.0 freeze_meeting: SP-15	WG (prime / other): S2 / -	rapporteur: GOURRAUD,	ERICSSON RESEARCH CANADA					
	history (event, available, version, SP-14 07/01/2002 5 . 0 . 0 SP-15 05/04/2002 5 . 1 . 0 SP-16 17/06/2002 5 . 2 . 0	G: U: yes	MCC: YOON, Sang-Ui						
		get it	remarks - general: Sept 00: "Open Service Architecture" removed from title.						
		get it	remarks - this release: .						
		get it							
<hr/>									
TS 23.135	Multicall supplementary service; Stage 2								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: MITAMURA, Kazuo	NTT COMWARE Corporation					
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0	G: U: yes	MCC: KYMALAINEN, Kimmo						
		get it	remarks - general:						
			remarks - this release: .						

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TS 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2								
Rel-5	<i>current version:</i> 5.7.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> LAUMEN, Josef	SIEMENS AG			
	<i>freeze_meeting:</i> TP-15		<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-13 05/10/2001	5 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-14 11/01/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> 2002-01-25: WAP forum elements will not be ready in time for Rel-5, so suspend SDO publication till it is available.				
	TP-15 29/03/2002	5 . 2 . 0		get it					
	TP-16 05/07/2002	5 . 3 . 0		get it	Schema delivered 2002-07-07 (uploaded -19) to http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1				
	TP-17 30/09/2002	5 . 4 . 0		get it	Schema v1.1 uploaded 2002-11-14.				
	TP-18 20/12/2002	5 . 5 . 0		get it	Schema v1.2 (REL-5-MM7-1-2.xsd) uploaded 2003-01-08 and version without file extension 2003-01-14.				
	TP-19 31/03/2003	5 . 6 . 0		get it					
	TP-20 25/06/2003	5 . 7 . 0		get it					
<hr/>									
TS 23.146	Technical realisation of facsimile Group 3 service - non-transparent								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> HAGIWARA, Junichiro	NTT DoCoMo Inc.			
	<i>freeze_meeting:</i> NP-15		<i>G:</i> <i>U:</i> yes		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
TS 23.153	Out of Band Transcoder Control; Stage 2								
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> HODGES, Phil	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> NP-15		<i>G:</i> <i>U:</i> yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-15 28/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i> New after TSG#5				
	NP-16 21/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .				
	NP-17 18/09/2002	5 . 2 . 0		get it					
	NP-18 09/01/2003	5 . 3 . 0		get it					
	NP-19 04/04/2003	5 . 4 . 0		get it					
	NP-20 27/06/2003	5 . 5 . 0		get it					

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TS 23.172	Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> HUSLENDE, Ragnar		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> NP-16		<i>G:</i> <i>U:</i> yes		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	draft 18/04/2002	1 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-16 25/06/2002	2 . 0 . 0	NP-020168	get it	<i>remarks - this release:</i>	.			
	NP-16 28/06/2002	5 . 0 . 0		get it					
	NP-18 09/01/2003	5 . 1 . 0		get it					
<hr/>									
TS 23.195	Provision of User Equipment Specific Behaviour Information (UESBI) to network entities								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S2 /		<i>rapporteur:</i> PUDNEY, Chris		VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-20		<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	draft 24/03/2003	0 . 1 . 0		get it	<i>remarks - general:</i>	Created as a result of 23.895.			
	SP-19 24/03/2003	1 . 0 . 0	SP-030030. Also RP-030195 at RP-10.	get it	<i>remarks - this release:</i>	SP-20: approved as a Rel-5 document, not Rel-6.			
	S2-32	1 . 2 . 0	S2-031951 (inc in RP-030234)						
	draft	1 . 3 . 0	Tech identical to v1.2.0; S2-031953						
	SP-20	2 . 0 . 0	SP-030314						
	SP-20 17/06/2003	2 . 1 . 0	SP-030335; incorporates RP-20 decisions re IMEISV vs bitmap resolved (ie remove IMEISV)	get it					
	SP-20 20/06/2003	5 . 0 . 0		get it					
<hr/>									
TS 23.205	Bearer-independent circuit-switched core network; Stage 2								
Rel-5	<i>current version:</i> 5.6.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> HODGES, Phil		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> NP-15		<i>G:</i> <i>U:</i> yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-14 10/01/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	2000-10: Rap change from Keutmann.			
	NP-15 28/03/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			
	NP-16 21/06/2002	5 . 2 . 0		get it					
	NP-17 18/09/2002	5 . 3 . 0		get it					
	NP-18 07/01/2003	5 . 4 . 0		get it					
	NP-19 04/04/2003	5 . 5 . 0		get it					
	NP-20 27/06/2003	5 . 6 . 0		get it					

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

Rel-5 *current version:* 5.8.0 *freeze_meeting:* SP-15
history (event, available, version,
SP-12 2 . 0 . 0 SP-010337
SP-12 02/07/2001 5 . 0 . 0
SP-13 15/10/2001 5 . 1 . 0
SP-14 07/01/2002 5 . 2 . 0
SP-15 05/04/2002 5 . 3 . 0
SP-16 18/06/2002 5 . 4 . 0
SP-17 24/09/2002 5 . 5 . 0
SP-18 10/01/2003 5 . 6 . 0
SP-19 27/03/2003 5 . 7 . 0
SP-20 20/06/2003 5 . 8 . 0

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

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remarks - this release: .

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

Rel-5 *current version:* 5.5.0 *freeze_meeting:* NP-15
history (event, available, version,
draft 30/03/2001 0 . 5 . 0
draft 20/08/2001 0 . 5 . 2
draft 11/09/2001 0 . 6 . 0
draft 10/10/2001 0 . 7 . 0
draft 05/11/2001 0 . 8 . 0
draft 19/11/2001 0 . 9 . 0
NP-14 05/12/2001 1 . 0 . 0 NP-010640
draft 22/01/2002 1 . 1 . 0
draft 06/02/2002 1 . 2 . 0
draft 26/02/2002 2 . 0 . 0
NP-15 19/03/2002 2 . 0 . 1 NP-020047
NP-15 19/03/2002 5 . 0 . 0
NP-16 25/06/2002 5 . 1 . 0
NP-17 17/09/2002 5 . 2 . 0
NP-18 18/12/2002 5 . 3 . 0
NP-19 24/03/2003 5 . 4 . 0
NP-20 03/07/2003 5 . 5 . 0

WG (prime / other): N1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
G: yes U: yes *MCC:* JORGENSEN, Per Johan

remarks - general:
remarks - this release: .

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TS 23.221	Architectural requirements								
Rel-5	<i>current version:</i> 5.7.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-15			<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-11 06/04/2001	5	.	0	.	0	get it	<i>remarks - general:</i>	Derived from R99-specific 23.121
	SP-12 02/07/2001	5	.	1	.	0	get it	<i>remarks - this release:</i>	
	SP-13 12/10/2001	5	.	2	.	0	get it		
	SP-14 07/01/2002	5	.	3	.	0	get it		
	SP-15 05/04/2002	5	.	4	.	0	get it		
	SP-16 18/06/2002	5	.	5	.	0	get it		
	SP-17 02/10/2002	5	.	6	.	0	get it		
	SP-18 10/01/2003	5	.	7	.	0	get it		
<hr/>									
TS 23.226	Global text telephony (GTT); Stage 2: Architecture								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB			
	<i>freeze_meeting:</i> NP-15			<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-12	2	.	0	.	0	SP-010336	<i>remarks - general:</i>	2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set.
	SP-12 29/06/2001	5	.	0	.	0	get it	<i>remarks - this release:</i>	WI approved TSG#7
	SP-14 07/01/2002	5	.	1	.	0	get it		
	SP-15 05/04/2002	5	.	2	.	0	get it		
<hr/>									
TS 23.227	Application and user interaction in the UE; Principles and specific requirements								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> TOMÉ, Olga	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> TP-15			<i>G: U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-14 11/01/2002	5	.	0	.	0	get it	<i>remarks - general:</i>	
	TP-15 26/03/2002	5	.	1	.	0	get it	<i>remarks - this release:</i>	.

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

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

TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-5	current version: 5.9.0	WG (prime / other): S2 / -	rapporteur: TOWLE, Thomas	Lucent Technologies
	freeze_meeting: SP-15	G: yes U: yes	MCC: YOON, Sang-Ui	
history (event, available, version,				
draft	30/11/2000	1 . 0 . 0	get it	remarks - general:
SP-10	10/01/2001	1 . 4 . 0	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				
SP-14	04/01/2002	5 . 3 . 0	get it	
SP-15	08/04/2002	5 . 4 . 0	get it	
edito post	SP-15	12/04/2002	5 . 4 . 1	
SP-16	17/06/2002	5 . 5 . 0	get it	
SP-17	30/09/2002	5 . 6 . 0	get it	
SP-18	07/01/2003	5 . 7 . 0	get it	
SP-19	27/03/2003	5 . 8 . 0	get it	
SP-20	20/06/2003	5 . 9 . 0	get it	

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

Rel-5	current version: 5.2.0	WG (prime / other): S2 / -	rapporteur: TERRILL, Stephen	Telefon AB LM Ericsson
	freeze_meeting: SP-15	G: yes U: yes	MCC: YOON, Sang-Ui	
history (event, available, version,				
SP-12	12/07/2001	1 . 0 . 0	get it	remarks - general:
draft	16/08/2001	1 . 1 . 0	get it	remarks - this release: .
SP-13	01/10/2001	2 . 0 . 0	get it	
SP-13		2 . 1 . 0		not made available
SP-13	15/10/2001	5 . 0 . 0	get it	
SP-14	07/01/2002	5 . 1 . 0	get it	
SP-15	05/04/2002	5 . 2 . 0	get it	

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

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

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

Rel-5 *current version:* 5.7.0 *freeze_meeting:* SP-15
history (event, available, version,
SP-13 15/10/2001 5 . 0 . 0 [get it](#) *remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
SP-14 07/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-15 29/03/2002 5 . 2 . 0 [get it](#)
SP-16 18/06/2002 5 . 3 . 0 [get it](#)
SP-17 24/09/2002 5 . 4 . 0 [get it](#)
SP-18 09/01/2003 5 . 5 . 0 [get it](#)
SP-19 27/03/2003 5 . 6 . 0 [get it](#)
SP-20 23/06/2003 5 . 7 . 0 [get it](#)

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

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

Rel-5 *current version:* 5.3.0 *freeze_meeting:* NP-18
history (event, available, version,
NP-14 02/01/2002 1 . 0 . 0 NP-010586 [get it](#) *remarks - general:* 2001-10-26: renumbered from 23.178.
NP-15 19/03/2002 1 . 1 . 0 NP-020059 [get it](#) *remarks - this release:* Was briefly 23.178. CAMEL Phase 4.
NP-16 26/06/2002 2 . 0 . 0 NP-020207 - not approved [get it](#)
NP-17 24/09/2002 2 . 1 . 0 NP-020348 [get it](#)
NP-17 17/09/2002 5 . 0 . 0 [get it](#)
NP-18 10/01/2003 5 . 1 . 0 [get it](#)
NP-19 25/03/2003 5 . 2 . 0 [get it](#)
NP-20 20/06/2003 5 . 3 . 0 [get it](#)

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

TR 23.815 Charging implications of IMS architecture

Rel-5 *current version:* 5.0.0 *freeze_meeting:* SP-15
history (event, available, version,
draft 0 . 0 . 0 2001-08 *remarks - general:* Was 23.915.
S2-19 0 . 1 . 0 2001-10 *remarks - this release:* 2002-04 (Rapporteur): Proposed to withdraw, since contents has now been fully absorbed into S5 specs (esp 32.225).
S2-20 20/11/2001 0 . 2 . 0 [get it](#)
S2-21 04/12/2001 0 . 3 . 0 [get it](#)
SP-14 11/01/2002 1 . 0 . 0 SP-010718 [get it](#)
SP-15 19/03/2002 2 . 0 . 0 SP-020144 [get it](#)
SP-15 05/04/2002 5 . 0 . 0 [get it](#)

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

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

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

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

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

history (event, available, version,
draft 0 . 0 . 1 *remarks - general:*
draft 0 . 0 . 2 *remarks - this release:* Not to progress to Rel-6: see 23.271.
draft 0 . 0 . 3
draft 0 . 1 . 0
S2-21 0 . 2 . 0
draft 0 . 3 . 0
draft 0 . 4 . 0
SP-14 02/01/2002 1 . 0 . 0 SP-010717 [get it](#)
S2-23 1 . 2 . 0
draft 19/03/2002 1 . 3 . 0 [get it](#)
SP-15 2 . 0 . 0 not presented
SP-16 22/07/2002 2 . 1 . 0 SP-020379 [get it](#)
SP-16 25/07/2002 5 . 0 . 0 [get it](#)

TR 23.875 Support of Push service

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

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

TR 23.910 Circuit switched data bearer services

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:* 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)
NP-17 17/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-18 06/01/2003 5 . 2 . 0 [get it](#)
NP-19 27/03/2003 5 . 3 . 0 [get it](#)

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

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

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

Rel-5 *current version:* 5.1.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: NP-15 G: yes U: yes *MCC:* Peter Skov JORGENSEN, Per Johan

history (event, available, version,
NP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-19 24/03/2003 5 . 1 . 0 [get it](#) *remarks - this release:* .
correction of typo 02/06/2003 5 . 1 . 1 [get it](#)
on cover page

TS 24.007 Mobile radio interface signalling layer 3; General Aspects

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: NP-15 G: yes U: yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
NP-17 17/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

Rel-5 *current version:* 5.8.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: NP-15 G: yes U: yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-12 13/07/2001 5 . 0 . 0 [get it](#) *remarks - general:* CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to
NP-13 05/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:* . be resolved till Jun00.
NP-14 10/01/2002 5 . 2 . 0 [get it](#)
NP-15 21/03/2002 5 . 3 . 0 [get it](#)
NP-16 24/06/2002 5 . 4 . 0 [get it](#)
NP-17 17/09/2002 5 . 5 . 0 [get it](#)
NP-18 18/12/2002 5 . 6 . 0 [get it](#)
NP-19 24/03/2003 5 . 7 . 0 [get it](#)
NP-20 04/07/2003 5 . 8 . 0 [get it](#)

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

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

TS 24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other):	N4 / -	rapporteur:	ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
		G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
NP-16	24/06/2002	5	. 0	. 0	get it	remarks - general:			
						remarks - this release:	.		
<hr/>									
TS 24.011	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface								
Rel-5	current version: 5.2.0 freeze_meeting: NP-15	WG (prime / other):	N1 / T2	rapporteur:	ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
		G: yes	U: yes	MCC:	JORGENSEN, Per Johan				
history (event, available, version,									
NP-16	28/06/2002	5	. 0	. 0	get it	remarks - general:	Transfer>TSG#4		
NP-18	18/12/2002	5	. 1	. 0	get it	remarks - this release:	.		
NP-20	03/07/2003	5	. 2	. 0	get it				
<hr/>									
TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices								
Rel-5	current version: 5.3.0 freeze_meeting: NP-15	WG (prime / other):	N3 / -	rapporteur:	KLEHN, Norbert	SIEMENS AG			
		G: yes	U: yes	MCC:	BOSWARTHICK, David				
history (event, available, version,									
NP-14	16/01/2002	5	. 0	. 0	get it	remarks - general:	CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link		
NP-18	06/01/2003	5	. 1	. 0	get it	remarks - this release:	. Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC)		
NP-19	27/03/2003	5	. 2	. 0	get it				
NP-20	23/06/2003	5	. 3	. 0	get it				
<hr/>									
TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3								
Rel-5	current version: 5.1.0 freeze_meeting: NP-15	WG (prime / other):	N4 / -	rapporteur:	GARAPATY, Sonia KYMALAINEN, Kimmo	Nortel Networks (USA)			
		G: yes	U: yes	MCC:					
history (event, available, version,									
NP-15	28/03/2002	5	. 0	. 0	get it	remarks - general:	TSG#7: txfrd from SMG to 3GPP for R99.		
NP-16	21/06/2002	5	. 1	. 0	get it	remarks - this release:	.		

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								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG					
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
TS 24.072	Call Deflection Supplementary Service; Stage 3								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
	NP-16 21/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .						
	NP-17 18/09/2002 5 . 2 . 0	get it							
	NP-18 07/01/2003 5 . 3 . 0	get it							
TS 24.081	Line Identification Supplementary Service; Stage 3								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
TS 24.082	Call Forwarding supplementary service; Stage 3								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						

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

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Server ACTIVE specs Rel-5 24 .- series
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TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 24.084	MultiParty (MPTY) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 24.086	Advice of Charge (AoC) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 24.087	User-to-User Signalling (UUS); Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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

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

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

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

Gesellschaft für Kommunikations Software

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

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

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

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

ERICSSON Eurolab Deutschland GmbH

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

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

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

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

Gesellschaft für Kommunikations Software

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

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

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

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

Gesellschaft für Kommunikations Software

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

TS 24.096 Name Identification Supplementary Service; Stage 3

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

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

Gesellschaft für Kommunikations Software

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

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

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TS 24.135 Multicall supplementary service; Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
freeze_meeting: NP-15 *G:* U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 24.228 Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N1 / - *rapporteur:* KISS, Krisztian
freeze_meeting: NP-16 *G:* yes U: yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-10 05/01/2001 0 . 1 . 0 N1-001114->1378 (NP-000683) [get it](#) *remarks - general:*
draft 26/03/2001 0 . 4 . 0 [get it](#) *remarks - this release:*
draft 18/04/2001 0 . 5 . 0 [get it](#)
draft 1 . 0 . 0 N1-17
NP-12 26/06/2001 1 . 0 . 0 NP-010278 [get it](#)
draft 26/06/2001 1 . 1 . 0 N1-010944 [get it](#)
draft 01/08/2001 1 . 2 . 0 N1-011230 [get it](#)
draft 11/09/2001 1 . 3 . 0 N1-011363 [get it](#)
draft 14/09/2001 1 . 4 . 0 N1-011364 [get it](#)
draft 05/10/2001 1 . 5 . 0 N1-011496 [get it](#)
draft 24/10/2001 1 . 6 . 0 N1-011706 [get it](#)
draft 19/11/2001 1 . 7 . 0 [get it](#)
NP-14 04/12/2001 1 . 8 . 0 NP-010641 [get it](#)
draft 22/01/2002 1 . 9 . 0 [get it](#)
draft 06/02/2002 1 . 10 . 0 [get it](#)
draft 26/02/2002 2 . 0 . 0 [get it](#)
draft 26/02/2002 2 . 0 . 1 [get it](#)
NP-15 19/03/2002 2 . 0 . 2 NP-020048 [get it](#)
NP-15 19/03/2002 5 . 0 . 0 not yet frozen [get it](#)
NP-16 16/07/2002 5 . 1 . 0 Enormous CRs to create this version;
take several man.weeks to accomplish [get it](#)
NP-17 17/09/2002 5 . 2 . 0 [get it](#)
NP-18 10/01/2003 5 . 3 . 0 [get it](#)
NP-19 24/03/2003 5 . 4 . 0 [get it](#)
NP-20 04/07/2003 5 . 5 . 0 [get it](#)

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

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

TS 24.229 Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3

Rel-5 current version: 5.5.0 WG (prime / other): N1 / - rapporteur: DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: NP-16 G: yes U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-10		0	.	0	.	6			
NP-10	05/01/2001	0	.	0	.	7	N1-001115->1379 (NP-000684)	get it	
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	NP-010642	get it	
draft	22/01/2002	1	.	1	.	0		get it	
draft	06/02/2002	1	.	2	.	0		get it	
draft	06/02/2002	1	.	2	.	1		get it	
draft	27/02/2002	2	.	0	.	0		get it	
NP-15	19/03/2002	2	.	0	.	2	NP-020049	get it	
NP-15	19/03/2002	5	.	0	.	0	not frozen	get it	
NP-16	28/06/2002	5	.	1	.	0	CR009 not implemented; expect further CR at NP-17 to remove it.	get it	
NP-17	17/09/2002	5	.	2	.	0		get it	
NP-18	20/12/2002	5	.	3	.	0		get it	
NP-19	24/03/2003	5	.	4	.	0		get it	
NP-20	23/06/2003	5	.	5	.	0		get it	

remarks - general: NP-14: confirmed that this is appropriate for GSM as well as UMTS.
remarks - this release:

Rel-5 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

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

TS 25.101 User Equipment (UE) radio transmission and reception (FDD)

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-13	03/10/2001	5	.	0	.	0	get it	<i>remarks - general:</i>
RP-14	14/01/2002	5	.	1	.	0	get it	<i>remarks - this release: .</i>
RP-15	29/03/2002	5	.	2	.	0	get it	
RP-16	01/07/2002	5	.	3	.	0	get it	
RP-17	04/10/2002	5	.	4	.	0	get it	
RP-18	10/01/2003	5	.	5	.	0	get it	
RP-19	04/04/2003	5	.	6	.	0	get it	
RP-20	27/06/2003	5	.	7	.	0	get it	

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-15	29/03/2002	5	.	0	.	0	get it	<i>remarks - general:</i>
editor post RP-15	15/04/2002	5	.	0	.	1	get it	<i>remarks - this release: .</i>
RP-16	01/07/2002	5	.	1	.	0	get it	
RP-17	02/10/2002	5	.	2	.	0	get it	
RP-18	10/01/2003	5	.	3	.	0	get it	
RP-19	04/04/2003	5	.	4	.	0	get it	
RP-20	27/06/2003	5	.	5	.	0	get it	

Fixes change history table entry.

TS 25.104 Base Station (BS) radio transmission and reception (FDD)

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-13	03/10/2001	5	.	0	.	0	get it	<i>remarks - general:</i>
RP-14	14/01/2002	5	.	1	.	0	get it	<i>remarks - this release: .</i>
RP-15	29/03/2002	5	.	2	.	0	get it	
RP-16	01/07/2002	5	.	3	.	0	get it	
RP-17	02/10/2002	5	.	4	.	0	get it	
RP-18	10/01/2003	5	.	5	.	0	get it	
RP-19	04/04/2003	5	.	6	.	0	get it	
RP-20	27/06/2003	5	.	7	.	0	get it	

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

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

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

Rel-5 *current version:* 5.4.0
freeze_meeting: RP-15

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

history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0
RP-16 01/07/2002 5 . 1 . 0
RP-17 02/10/2002 5 . 2 . 0
RP-18 10/01/2003 5 . 3 . 0
RP-19 04/04/2003 5 . 4 . 0

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

TS 25.106 UTRA repeater radio transmission and reception

Rel-5 *current version:* 5.5.0
freeze_meeting: RP-15

WG (prime / other): R4 / - *rapporteur:* NILSSON, Martin Indicate persons who left Company and wait for new
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar One

history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0
RP-16 01/07/2002 5 . 1 . 0
RP-17 02/10/2002 5 . 2 . 0
RP-18 10/01/2003 5 . 3 . 0
RP-19 04/04/2003 5 . 4 . 0
RP-20 27/06/2003 5 . 5 . 0

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

TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-5 *current version:* 5.4.0
freeze_meeting: RP-15

WG (prime / other): R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-15 02/04/2002 5 . 0 . 0
edito 19/04/2002 5 . 0 . 1
RP-16 01/07/2002 5 . 1 . 0
RP-17 02/10/2002 5 . 2 . 0
RP-18 10/01/2003 5 . 3 . 0
RP-19 04/04/2003 5 . 4 . 0

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

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

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

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 03/07/2002 5 . 1 . 0 [get it](#) *remarks - this release: .*
RP-17 10/10/2002 5 . 2 . 0 [get it](#)
RP-18 10/01/2003 5 . 3 . 0 [get it](#)
RP-19 04/04/2003 5 . 4 . 0 [get it](#)
RP-20 01/07/2003 5 . 5 . 0 [get it](#)

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-13 10/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
RP-14 17/01/2002 5 . 1 . 0 [get it](#) *remarks - this release: .*
RP-15 29/03/2002 5 . 2 . 0 [get it](#)
RP-16 04/07/2002 5 . 3 . 0 [get it](#)
RP-17 04/10/2002 5 . 4 . 0 [get it](#)
RP-18 10/01/2003 5 . 5 . 0 [get it](#)
RP-19 04/04/2003 5 . 6 . 0 [get it](#)
RP-20 02/07/2003 5 . 7 . 0 [get it](#)

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-13 03/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
RP-14 16/01/2002 5 . 1 . 0 [get it](#) *remarks - this release: .*
RP-15 02/04/2002 5 . 2 . 0 [get it](#)
RP-16 04/07/2002 5 . 3 . 0 [get it](#)
edito post RP-16 19/07/2002 5 . 3 . 1 eliminate duplicate clause numbers [get it](#)
RP-17 04/10/2002 5 . 4 . 0 [get it](#)
RP-18 10/01/2003 5 . 5 . 0 [get it](#)
RP-19 04/04/2003 5 . 6 . 0 [get it](#)
RP-20 27/06/2003 5 . 7 . 0 [get it](#)

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

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

TS 25.142 Base Station (BS) conformance testing (TDD)

Rel-5 *current version:* 5.5.0
freeze_meeting: RP-15

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

history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0
RP-16 04/07/2002 5 . 1 . 0
RP-17 04/10/2002 5 . 2 . 0
RP-18 10/01/2003 5 . 3 . 0
RP-19 04/04/2003 5 . 4 . 0
RP-20 27/06/2003 5 . 5 . 0

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

TS 25.143 UTRA repeater conformance testing

Rel-5 *current version:* 5.5.0
freeze_meeting: RP-15

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

history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0
RP-16 03/07/2002 5 . 1 . 0
RP-17 02/10/2002 5 . 2 . 0
RP-18 10/01/2003 5 . 3 . 0
RP-19 04/04/2003 5 . 4 . 0
RP-20 27/06/2003 5 . 5 . 0

[get it](#) *remarks - general:* Created by renumbering 25.107
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 25.201 Physical layer - general description

Rel-5 *current version:* 5.2.0
freeze_meeting: RP-15

WG (prime / other): R1 / - *rapporteur:* TOSKALA, Antti NOKIA Corporation
G: U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0
RP-16 28/06/2002 5 . 1 . 0
RP-17 27/09/2002 5 . 2 . 0

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

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

3GPP specification status

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

TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILDE, Andreas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-15 29/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release: .</i>			
	RP-17 27/09/2002 5 . 2 . 0	get it				
	RP-18 07/01/2003 5 . 3 . 0	get it				
	RP-20 27/06/2003 5 . 4 . 0	get it				
<hr/>						
TS 25.212	Multiplexing and channel coding (FDD)					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TANAKA, Yoshinori	Fujitsu Limited		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-15 29/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release: .</i>			
	RP-17 27/09/2002 5 . 2 . 0	get it				
	RP-18 07/01/2003 5 . 3 . 0	get it				
	RP-19 04/04/2003 5 . 4 . 0	get it				
	RP-20 27/06/2003 5 . 5 . 0	get it				
<hr/>						
TS 25.213	Spreading and modulation (FDD)					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CHAMBERS, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-15 29/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release: .</i>			
	RP-17 27/09/2002 5 . 2 . 0	get it				
	RP-19 04/04/2003 5 . 3 . 0	get it				

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

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

TS 25.214 Physical layer procedures (FDD)

Rel-5 *current version:* 5.5.0
freeze_meeting: RP-15

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0
RP-16 28/06/2002 5 . 1 . 0
RP-17 27/09/2002 5 . 2 . 0
RP-18 07/01/2003 5 . 3 . 0
RP-19 04/04/2003 5 . 4 . 0
RP-20 27/06/2003 5 . 5 . 0

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

TS 25.215 Physical layer; Measurements (FDD)

Rel-5 *current version:* 5.4.0
freeze_meeting: RP-15

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0
RP-17 27/09/2002 5 . 1 . 0
RP-18 07/01/2003 5 . 2 . 0
RP-19 04/04/2003 5 . 3 . 0
RP-20 27/06/2003 5 . 4 . 0

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

TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

Rel-5 *current version:* 5.5.0
freeze_meeting: RP-15

WG (prime / other): R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Panasonic Mobile Communications Co.,Ltd.
G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0
RP-16 28/06/2002 5 . 1 . 0
RP-17 27/09/2002 5 . 2 . 0
RP-18 07/01/2003 5 . 3 . 0
RP-19 04/04/2003 5 . 4 . 0
RP-20 27/06/2003 5 . 5 . 0

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

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

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

TS 25.222 Multiplexing and channel coding (TDD)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co, Ltd
freeze_meeting: RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release: .*
RP-17 27/09/2002 5 . 2 . 0 [get it](#)
editorial to correct 22/10/2002 5 . 2 . 1 [get it](#)
clause numbers
RP-18 07/01/2003 5 . 3 . 0 [get it](#)
RP-19 04/04/2003 5 . 4 . 0 [get it](#)
RP-20 27/06/2003 5 . 5 . 0 [get it](#)

TS 25.223 Spreading and modulation (TDD)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R1 / - *rapporteur:* VACANT,
freeze_meeting: RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release: .*
RP-18 07/01/2003 5 . 2 . 0 [get it](#)
RP-19 04/04/2003 5 . 3 . 0 [get it](#)

TS 25.224 Physical layer procedures (TDD)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R1 / - *rapporteur:* OESTREICH, Stefan SIEMENS AG
freeze_meeting: RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release: .*
RP-17 27/09/2002 5 . 2 . 0 [get it](#)
editorial to correct 22/10/2002 5 . 2 . 1 [get it](#)
clause numbers
RP-18 07/01/2003 5 . 3 . 0 [get it](#)
RP-19 04/04/2003 5 . 4 . 0 [get it](#)
RP-20 27/06/2003 5 . 5 . 0 [get it](#)

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

3GPP specification status

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

TS 25.225	Physical layer; Measurements (TDD)					
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation	
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version,</i>					
	RP-15 02/04/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
	RP-16 28/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	RP-17 27/09/2002	5 . 2 . 0	get it			
	RP-18 07/01/2003	5 . 3 . 0	get it			
	RP-19 04/04/2003	5 . 4 . 0	get it			
	RP-20 27/06/2003	5 . 5 . 0	get it			
TS 25.301	Radio Interface Protocol Architecture					
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> GRANZOW, Wolfgang	ERICSSON Eurolab Deutschland GmbH	
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version,</i>					
	RP-15 19/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
	RP-16 17/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	RP-17 18/09/2002	5 . 2 . 0	get it			
TS 25.302	Services provided by the physical layer					
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version,</i>					
	RP-15 19/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i> V3.0.0 approved via e-mail July 99 CR at TSG#5?		
	RP-16 17/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	RP-17 18/09/2002	5 . 2 . 0	get it			
	RP-18 20/12/2002	5 . 3 . 0	get it			
	RP-19 25/03/2003	5 . 4 . 0	get it			
	RP-20 20/06/2003	5 . 5 . 0	get it			
TS 25.303	Interlayer procedures in Connected Mode					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> RINNE, Mikko J	Nokia Research Center	
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version,</i>					
	RP-15 19/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
	RP-16 17/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		

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TS 25.304	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MAHKONEN, Marko	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-15 19/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 17/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-18 08/01/2003 5 . 2 . 0	get it				
	RP-20 25/06/2003 5 . 3 . 0	get it				

TS 25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-11 27/03/2001 5 . 0 . 0	get it	<i>remarks - general:</i> Created from 25.923			
	RP-12 19/06/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 02/10/2001 5 . 2 . 0	get it				
	RP-14 04/01/2002 5 . 3 . 0	get it				
	RP-15 19/03/2002 5 . 4 . 0	get it				
	RP-19 25/03/2003 5 . 5 . 0	get it				
	RP-20 20/06/2003 5 . 6 . 0	get it				

TS 25.306	UE Radio Access capabilities definition					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BERGGREN, Anders	Ericsson Incorporated		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-15 19/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Converted from TR 25.926 at TSG#10.			
	RP-16 17/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 18/09/2002 5 . 2 . 0	get it				
	RP-18 08/01/2003 5 . 3 . 0	get it				
	RP-19 25/03/2003 5 . 4 . 0	get it				
	RP-20 20/06/2003 5 . 5 . 0	get it				

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0

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

RMM requirements.

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-13 01/10/2001 0 . 1 . 0 RP-010643 for approval [get it](#) *remarks - general:* TS created from entrails of TR 25.855.
RP-13 02/10/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .
RP-14 04/01/2002 5 . 1 . 0 [get it](#)
RP-15 21/03/2002 5 . 2 . 0 [get it](#)
RP-18 14/01/2003 5 . 3 . 0 [get it](#)
RP-19 25/03/2003 5 . 4 . 0 [get it](#)

TS 25.321 Medium Access Control (MAC) protocol specification

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R2 / - *rapporteur:* STADLER, Thomas SIEMENS AG
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 17/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 18/09/2002 5 . 2 . 0 [get it](#)
RP-18 08/01/2003 5 . 3 . 0 [get it](#)
RP-19 25/03/2003 5 . 4 . 0 [get it](#)
RP-20 20/06/2003 5 . 5 . 0 [get it](#)

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TS 25.322 Radio Link Control (RLC) protocol specification

Rel-5 *current version:* 5.5.0 *freeze_meeting:* RP-15 *WG (prime / other):* R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION
history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 17/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 19/09/2002 5 . 2 . 0 [get it](#)
RP-18 10/01/2003 5 . 3 . 0 [get it](#)
RP-19 25/03/2003 5 . 4 . 0 [get it](#)
RP-20 20/06/2003 5 . 5 . 0 [get it](#)

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-5 *current version:* 5.2.0 *freeze_meeting:* RP-15 *WG (prime / other):* R2 / - *rapporteur:* HANS, Martin SIEMENS AG
history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 17/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 18/09/2002 5 . 2 . 0 [get it](#)

TS 25.324 Broadcast/Multicast Control (BMC)

Rel-5 *current version:* 5.3.0 *freeze_meeting:* RP-15 *WG (prime / other):* R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH
history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 17/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-18 13/01/2003 5 . 2 . 0 [get it](#)
RP-19 25/03/2003 5 . 3 . 0 [get it](#)

TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-5 *current version:* 5.5.0 *freeze_meeting:* RP-15 *WG (prime / other):* R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
history (event, available, version,
RP-15 04/04/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 21/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 01/10/2002 5 . 2 . 0 [get it](#)
RP-18 03/02/2003 5 . 3 . 0 [get it](#)
RP-19 27/03/2003 5 . 4 . 0 [get it](#)
RP-20 25/06/2003 5 . 5 . 0 [get it](#)

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TS 25.401	UTRAN overall description					
Rel-5	<i>current version:</i> 5.6.0 <i>freeze_meeting:</i> RP-15	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie		NORTEL NETWORKS (EUROPE)	
	<i>history (event, available, version,</i>	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	RP-12 06/07/2001 5 . 0 . 0	get it	<i>remarks - general:</i> Approval at TSG#5			
	RP-13 12/10/2001 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-15 02/04/2002 5 . 2 . 0	get it				
	RP-16 28/06/2002 5 . 3 . 0	get it				
	RP-17 30/09/2002 5 . 4 . 0	get it				
	RP-18 03/01/2003 5 . 5 . 0	get it				
	RP-20 17/06/2003 5 . 6 . 0	get it				
<hr/>						
TS 25.402	Synchronisation in UTRAN Stage 2					
Rel-5	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> RP-15	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PIOLINI, Flavio		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i>	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i> New			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-20 17/06/2003 5 . 2 . 0	get it				
<hr/>						
TS 25.410	UTRAN Iu Interface: General Aspects and Principles					
Rel-5	<i>current version:</i> 5.3.0 <i>freeze_meeting:</i> RP-15	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard		mmO2 plc	
	<i>history (event, available, version,</i>	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Approval at TSG#5			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 30/09/2002 5 . 2 . 0	get it				
	RP-18 03/01/2003 5 . 3 . 0	get it				
<hr/>						
TS 25.411	UTRAN Iu interface layer 1					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> RP-15	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.		SIEMENS AG	
	<i>history (event, available, version,</i>	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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TS 25.412	UTRAN Iu interface signalling transport					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-17 30/09/2002 5 . 1 . 0	get it	<i>remarks - this release: .</i>			
<hr/>						
TS 25.413	UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> JUSSILA, Jyrki	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 05/07/2002 5 . 1 . 0	get it	<i>remarks - this release: .</i>			
	RP-17 11/10/2002 5 . 2 . 0	get it				
	RP-18 03/01/2003 5 . 3 . 0	get it				
	RP-19 26/03/2003 5 . 4 . 0	get it				
	RP-20 17/06/2003 5 . 5 . 0	get it				
<hr/>						
TS 25.414	UTRAN Iu interface data transport & transport signalling					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> COMSTOCK, David	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release: .</i>			
	RP-17 30/09/2002 5 . 2 . 0	get it				
	RP-18 03/01/2003 5 . 3 . 0	get it				
	RP-19 26/03/2003 5 . 4 . 0	get it				
<hr/>						
TS 25.415	UTRAN Iu interface user plane protocols					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> MAUPIN, Alain	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release: .</i>			
	RP-17 30/09/2002 5 . 2 . 0	get it				
	RP-18 03/01/2003 5 . 3 . 0	get it				

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TS 25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)					
Rel-5	current version: 5.4.0	WG (prime / other):	R3 / -	rapporteur:	TAYLOR, Carolyn	MOTOROLA Ltd
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	TP-15 25/03/2002			get it	remarks - general:	
	RP-16 28/06/2002			get it	remarks - this release: .	
	RP-17 03/10/2002			get it		
	RP-19 26/03/2003			get it		
	RP-20 17/06/2003			get it		
	5 . 0 . 0					
	5 . 1 . 0					
	5 . 2 . 0					
	5 . 3 . 0					
	5 . 4 . 0					
<hr/>						
TS 25.420	UTRAN Iur Interface: General Aspects and Principles					
Rel-5	current version: 5.1.0	WG (prime / other):	R3 / -	rapporteur:	THAKARE, Kiran	RadioScape Limited
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-15 02/04/2002			get it	remarks - general:	
	RP-17 03/10/2002			get it	remarks - this release: .	
	5 . 0 . 0					
	5 . 1 . 0					
<hr/>						
TS 25.421	UTRAN Iur interface Layer 1					
Rel-5	current version: 5.0.0	WG (prime / other):	R3 / -	rapporteur:	BRANDT, Achim V.	SIEMENS AG
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	TP-15 25/03/2002			get it	remarks - general:	
	5 . 0 . 0				remarks - this release: .	
<hr/>						
TS 25.422	UTRAN Iur interface signalling transport					
Rel-5	current version: 5.1.0	WG (prime / other):	R3 / -	rapporteur:	THAKARE, Kiran	RadioScape Limited
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-15 02/04/2002			get it	remarks - general:	
	RP-17 03/10/2002			get it	remarks - this release: .	
	5 . 0 . 0					
	5 . 1 . 0					
<hr/>						

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TS 25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling						
Rel-5	current version: 5.6.0	WG (prime / other):	R3 / -	rapporteur:	RUNE, Göran	Ericsson AB	
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-15 02/04/2002	5 . 0 . 0		get it	remarks - general:		
	RP-16 19/07/2002	5 . 1 . 0	CRs needs PCG approval.	get it	remarks - this release: .		
PCG post	RP-16 06/08/2002	5 . 2 . 0	One CR endorsed by PCG	get it			
	RP-17 11/10/2002	5 . 3 . 0		get it			
	RP-18 03/01/2003	5 . 4 . 0		get it			
	RP-19 31/03/2003	5 . 5 . 0		get it			
	RP-20 17/06/2003	5 . 6 . 0		get it			
<hr/>							
TS 25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams						
Rel-5	current version: 5.1.0	WG (prime / other):	R3 / -	rapporteur:	DREVN, Nicolas	ALCATEL S.A.	
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-15 02/04/2002	5 . 0 . 0		get it	remarks - general:		
	RP-16 28/06/2002	5 . 1 . 0		get it	remarks - this release: .		
<hr/>							
TS 25.425	UTRAN Iur interface user plane protocols for CCH data streams						
Rel-5	current version: 5.5.0	WG (prime / other):	R3 / -	rapporteur:	DREVN, Nicolas	ALCATEL S.A.	
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-15 02/04/2002	5 . 0 . 0		get it	remarks - general:		
	RP-16 28/06/2002	5 . 1 . 0		get it	remarks - this release: .		
	RP-17 03/10/2002	5 . 2 . 0		get it			
	RP-18 03/01/2003	5 . 3 . 0		get it			
	RP-19 26/03/2003	5 . 4 . 0		get it			
	RP-20 17/06/2003	5 . 5 . 0		get it			
<hr/>							
TS 25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams						
Rel-5	current version: 5.2.0	WG (prime / other):	R3 / -	rapporteur:	KEKKI, Sami	NOKIA Corporation	
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-15 02/04/2002	5 . 0 . 0		get it	remarks - general:		
	RP-16 28/06/2002	5 . 1 . 0		get it	remarks - this release: .		
	RP-17 03/10/2002	5 . 2 . 0		get it			

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TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND			
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	U: yes	<i>MCC:</i>	KRAUSE, Joern				
	<i>history (event, available, version,</i>								
	RP-15 25/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	RP-18 03/01/2003	5 . 1 . 0		get it	<i>remarks - this release:</i>				
TS 25.430	UTRAN Iub Interface: General Aspects and Principles								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	WILSON, Mick	FUJITSU Laboratories of Europe Limited			
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	U: yes	<i>MCC:</i>	KRAUSE, Joern				
	<i>history (event, available, version,</i>								
	RP-15 25/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	edito post RP-15	5 . 0 . 1	not produced		<i>remarks - this release:</i>				
	RP-16 28/06/2002	5 . 1 . 0	To include CR029r2 from RP-15 which was forgotten in v5.0.0.	get it					
	RP-17 03/10/2002	5 . 2 . 0		get it					
TS 25.431	UTRAN Iub interface Layer 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	BRANDT, Achim V.	SIEMENS AG			
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	U: yes	<i>MCC:</i>	KRAUSE, Joern				
	<i>history (event, available, version,</i>								
	RP-15 25/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
TS 25.432	UTRAN Iub interface: signalling transport								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	WILSON, Mick	FUJITSU Laboratories of Europe Limited			
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	U: yes	<i>MCC:</i>	KRAUSE, Joern				
	<i>history (event, available, version,</i>								
	RP-15 25/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	edito post RP-15 03/04/2002	5 . 0 . 1		get it	<i>remarks - this release:</i>				
	RP-17 03/10/2002	5 . 1 . 0		get it					

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TS 25.433	UTRAN Iub interface NBAP signalling								
Rel-5	current version: 5.5.0 freeze_meeting: RP-15		WG (prime / other): R3 / - G: U: yes		rapporteur: ISHIKAWA, Nobutaka MCC: KRAUSE, Joern		NTT DoCoMo Inc		
	history (event, available, version, RP-15 04/04/2002 5 . 0 . 0					2003-08-18: implementation error of CR609r1. Will be corrected RP-21.	get it	remarks - general: remarks - this release: .	
	RP-16 19/07/2002 5 . 1 . 0						get it		
	RP-17 11/10/2002 5 . 2 . 0						get it		
	RP-18 03/01/2003 5 . 3 . 0						get it		
	RP-19 31/03/2003 5 . 4 . 0						get it		
	RP-20 17/06/2003 5 . 5 . 0						get it		
TS 25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams								
Rel-5	current version: 5.1.0 freeze_meeting: RP-15		WG (prime / other): R3 / - G: U: yes		rapporteur: ALDEN, Magnus MCC: KRAUSE, Joern		TeliaSonera AB		
	history (event, available, version, RP-15 02/04/2002 5 . 0 . 0						get it	remarks - general: remarks - this release: .	
	RP-16 28/06/2002 5 . 1 . 0						get it		
TS 25.435	UTRAN Iub interface user plane protocols for CCH data streams								
Rel-5	current version: 5.5.0 freeze_meeting: RP-15		WG (prime / other): R3 / - G: U: yes		rapporteur: CALMEL, Jean-Marie MCC: KRAUSE, Joern		NORTEL NETWORKS (EUROPE)		
	history (event, available, version, RP-15 02/04/2002 5 . 0 . 0						get it	remarks - general: remarks - this release: .	
	RP-16 28/06/2002 5 . 1 . 0						get it		
	RP-17 03/10/2002 5 . 2 . 0						get it		
	RP-18 03/01/2003 5 . 3 . 0						get it		
	RP-19 26/03/2003 5 . 4 . 0						get it		
	RP-20 17/06/2003 5 . 5 . 0						get it		
TS 25.442	UTRAN implementation-specific O&M transport								
Rel-5	current version: 5.1.0 freeze_meeting: RP-15		WG (prime / other): R3 / - G: U: yes		rapporteur: RECKER, Stephan MCC: KRAUSE, Joern		Indicate persons who left Company and wait for new One		
	history (event, available, version, RP-15 28/03/2002 5 . 0 . 0						get it	remarks - general: remarks - this release: .	
	edito post RP-15 5 . 0 . 1 (not supplied - use v5.0.0)						get it		
	RP-17 03/10/2002 5 . 1 . 0						get it		

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

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TS 25.450	UTRAN Iu-PS interface general aspects and principles								
Rel-5	current version: 5.1.0			WG (prime / other): R3 /	rapporteur: LIN, Ie-Hong	Qualcomm Inc			
	freeze_meeting: RP-15			G: U: yes	MCC: KRAUSE, Joern				
	history (event, available, version,								
	RP-12	2 . 0 . 0	RP-010400				remarks - general:		
	RP-12 05/07/2001	5 . 0 . 0		get it			remarks - this release: .		
	RP-14 11/01/2002	5 . 1 . 0		get it					
<hr/>									
TS 25.451	UTRAN Iu-PS interface layer 1								
Rel-5	current version: 5.0.1			WG (prime / other): R3 /	rapporteur: LIN, Ie-Hong	Qualcomm Inc			
	freeze_meeting: RP-15			G: U: yes	MCC: KRAUSE, Joern				
	history (event, available, version,								
	RP-12	2 . 0 . 0	RP-010401				remarks - general:		
	RP-12 05/07/2001	5 . 0 . 0		get it			remarks - this release: .		
	correction to 24/04/2002	5 . 0 . 1		get it					
	history table								
<hr/>									
TS 25.452	UTRAN Iu-PS interface: signalling transport								
Rel-5	current version: 5.0.0			WG (prime / other): R3 /	rapporteur: LIN, Ie-Hong	Qualcomm Inc			
	freeze_meeting: RP-15			G: U: yes	MCC: KRAUSE, Joern				
	history (event, available, version,								
	RP-13 26/09/2001	2 . 0 . 0	RP-010640				remarks - general:		
	RP-13 12/10/2001	5 . 0 . 0		get it			remarks - this release: .		
				get it					
<hr/>									
TS 25.453	UTRAN Iu-PS interface Positioning Calculation Application Part (PCAP) signalling								
Rel-5	current version: 5.6.0			WG (prime / other): R3 /	rapporteur: LIN, Ie-Hong	Qualcomm Inc			
	freeze_meeting: RP-15			G: U: yes	MCC: KRAUSE, Joern				
	history (event, available, version,								
	RP-12	2 . 0 . 0	RP-010402				remarks - general:		
	RP-12 05/07/2001	5 . 0 . 0		get it			remarks - this release: .		
	RP-13 12/10/2001	5 . 1 . 0		get it					
	RP-14 11/01/2002	5 . 2 . 0		get it					
	RP-15 25/03/2002	5 . 3 . 0		get it					
	RP-16 28/06/2002	5 . 4 . 0		get it					
	RP-19 26/03/2003	5 . 5 . 0		get it					
	RP-20 17/06/2003	5 . 6 . 0		get it					

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TR 25.854	Uplink Synchronous Transmission Scheme (USTS)							
Rel-5	current version: 5.0.0	WG (prime / other):	R1 /	rapporteur:	KIM, Duk Kyung	SK TELECOM		
	freeze_meeting: RP-15	G:	U: yes	MCC:	SASAKI, Tsukasa			
	history (event, available, version,							
	RP-13 01/10/2001 1 . 0 . 0			get it	remarks - general:			
	RP-11 05/04/2001 1 . 0 . 0			get it	remarks - this release:			
	RP-14 02/01/2002 2 . 0 . 0			get it				
	RP-14 11/01/2002 5 . 0 . 0			get it				
TR 25.858	Physical layer aspects of UTRA High Speed Downlink Packet Access							
Rel-5	current version: 5.0.0	WG (prime / other):	R1 / -	rapporteur:	GHOSH, Amitabha	Motorola Inc.		
	freeze_meeting: RP-15	G:	U: yes	MCC:	SASAKI, Tsukasa			
	history (event, available, version,							
	RP-14 02/01/2002 1 . 0 . 0			get it	remarks - general:			
	RP-15 04/04/2002 2 . 0 . 0			get it	remarks - this release: .			
	RP-15 29/03/2002 5 . 0 . 0			get it				
TR 25.859	User Equipment (UE) positioning enhancements for 1,28 Mcps TDD							
Rel-5	current version: 5.0.0	WG (prime / other):	R2 /	rapporteur:	N, A	Indicate persons who left Company and wait for new One		
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude			
	history (event, available, version,							
	draft 0 . 0 . 0				remarks - general:			
	draft 04/09/2001 0 . 1 . 0			get it	remarks - this release: .			
	RP-13 02/10/2001 1 . 0 . 1			get it				
	RP-15 19/03/2002 2 . 0 . 0			get it				
	RP-15 19/03/2002 2 . 0 . 1			get it				
	RP-15 19/03/2002 5 . 0 . 0			get it				
TR 25.860	Radio access bearer support enhancements							
Rel-5	current version: 5.0.0	WG (prime / other):	R2 / -	rapporteur:	MIKOLA, Juha	NOKIA Corporation		
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude			
	history (event, available, version,							
	RP-15 19/03/2002 1 . 0 . 0			get it	remarks - general:			
	RP-16 25/06/2002 2 . 0 . 0			get it	remarks - this release: .			
	RP-16 17/06/2002 5 . 0 . 0			get it				

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TR 25.867	Feasibility study for wideband distribution systems in 3rd generation networks								
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MATARASSO, Carlo	TEKMAR Sistemi Srl an Andrew Company				
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>								
	RP-14 02/01/2002	1 . 0 . 0	RP-010794	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TR 25.868	Node B synchronization for 1,28 Mcps TDD								
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HU, Jinling	CATT				
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>								
	RP-13 01/10/2001	1 . 0 . 0	RP-010668	get it	<i>remarks - general:</i>				
	RP-14 02/01/2002	1 . 1 . 0	RP-010898	get it	<i>remarks - this release:</i>				
	RP-15 19/03/2002	1 . 1 . 1	RP-020202	get it					
	RP-15 29/03/2002	5 . 0 . 0		get it					
	post RP-15 15/04/2002	5 . 0 . 1		get it					
	editorial								
<hr/>									
TR 25.870	Enhancement on the DSCH Hard Split mode								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> KIM, Jaeyoel	Samsung Electronics Ind. Co., Ltd.				
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>								
	RP-12 28/06/2001	0 . 1 . 0	RP-010420	get it	<i>remarks - general:</i>				
	draft 14/09/2001	1 . 0 . 0	RP-010534	get it	<i>remarks - this release:</i>				
	RP-14 02/01/2002	1 . 1 . 0	RP-010841	get it					
	RP-15 19/03/2002	2 . 0 . 0	RP-020127	get it					
	RP-15 29/03/2002	5 . 0 . 0		get it					
<hr/>									
TR 25.875	NAS node selector function								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> MCWILLIAMS, Brendan	VODAFONE Group Plc				
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	0 . 0 . 1		get it	<i>remarks - general:</i>				
	RP-14 02/01/2002	1 . 0 . 0	RP-010881	get it	<i>remarks - this release:</i>				
	RP-15 19/03/2002	2 . 0 . 0	RP-020153	get it					
	RP-15 25/03/2002	5 . 0 . 0		get it					

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TR 25.876	Multiple-Input Multiple-Output Antennae								
Rel-5	<i>current version:</i> 1.1.0		DRAFT	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> HUANG, Howard	Lucent Technologies			
	<i>freeze_meeting:</i> RP-15			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-14 02/01/2002	1 . 0 . 0	RP-010796	get it	<i>remarks - general:</i>	RP-20: reference to HSDPA removed from title			
	RP-15 31/07/2002	1 . 1 . 0	RP-020240	get it	<i>remarks - this release:</i>	.			
<hr/>									
TR 25.877	High Speed Downlink Packet Access (HSDPA) - lub/lur Protocol Aspects								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> DIESEN, Michael	MOTOROLA Ltd			
	<i>freeze_meeting:</i> RP-15			G: U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>								
	draft 12/10/2001	0 . 1 . 0		get it	<i>remarks - general:</i>				
	draft 07/11/2001	0 . 2 . 2		get it	<i>remarks - this release:</i>	.			
	draft 02/01/2002	0 . 3 . 1		get it					
	RP-15 28/02/2002	1 . 0 . 0	R3-020891 = RP-020157	get it					
	RP-15 28/02/2002	2 . 0 . 0	R3-020892 = RP-020158	get it					
	RP-15 25/03/2002	5 . 0 . 0		get it					
	RP-16 28/06/2002	5 . 1 . 0		get it					
<hr/>									
TR 25.878	RL timing adjustment								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> VOLTOLINA, Elena Eva	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> RP-15			G: U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>								
	R3-23 11/01/2002	0 . 2 . 0	awaiting input from RAN1 & RAN2.	get it	<i>remarks - general:</i>				
	RP-15 19/03/2002	1 . 0 . 0	RP-020139	get it	<i>remarks - this release:</i>	.			
	RP-15 19/03/2002	2 . 0 . 0	RP-020140	get it					
	RP-15 25/03/2002	5 . 0 . 0		get it					
	RP-16 28/06/2002	5 . 1 . 0		get it					

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TR 25.879 Separation of resource reservation and radio link activation

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R3 / *rapporteur:*
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
R3-23 0 . 2 . 0 Status report in RP-010608. *remarks - general:*
draft 03/12/2001 0 . 3 . 0 [get it](#) *remarks - this release:* .
draft 03/12/2001 0 . 3 . 1 [get it](#)
RP-15 19/03/2002 1 . 0 . 0 RP-020142 [get it](#)
RP-15 19/03/2002 2 . 0 . 0 RP-020143 [get it](#)
RP-15 25/03/2002 5 . 0 . 0 [get it](#)

TS 25.880 Re-arrangement of lub transport bearers

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R3 / *rapporteur:* ISOKANGAS, Jari NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
draft 0 . 0 . 1 *remarks - general:* 2003-01: title changed from "Traffic termination point swapping" some time ago.
R3-21 0 . 0 . 2 *remarks - this release:* .
R3-21 0 . 1 . 0 RP-010609
R3-23 0 . 1 . 1
R3-24 0 . 2 . 0
draft 0 . 2 . 1
R3-25 0 . 3 . 0
draft 11/01/2002 0 . 3 . 0 [get it](#)
draft 0 . 3 . 1
R3-26 0 . 4 . 0
draft 0 . 4 . 1
draft 0 . 4 . 2
R3-27 0 . 5 . 0
draft 0 . 5 . 1
RP-15 19/03/2002 1 . 0 . 0 RP-020145 [get it](#)
RP-15 19/03/2002 2 . 0 . 0 RP-020146 [get it](#)
RP-15 25/03/2002 5 . 0 . 0 [get it](#)

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

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

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

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TR 25.884	Iur Neighbouring cell reporting efficiency optimisation								
Rel-5	current version: 5.0.0		WG (prime / other): R3 /	rapporteur: VOLTOLINA, Elena Eva	Telefon AB LM Ericsson				
	freeze_meeting: NP-16		G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version, referred to at 11/01/2002	0 . 1 . 0	Status report in RP-010606	get it	remarks - general: Previous rapporteur: Shahrokh Amirijoo.				
	RP-13				remarks - this release: .				
	RP-15 19/03/2002	1 . 0 . 0	RP-020152	get it					
	RP-15 19/03/2002	2 . 0 . 0	RP-020153	get it					
	RP-15 02/04/2002	5 . 0 . 0		get it					
<hr/>									
TR 25.890	High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD)								
Rel-5	current version: 1.0.0		WG (prime / other): R4 /	rapporteur: FERNANDES, Edgar	MOTOROLA A/S				
	freeze_meeting: SP-15		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar					
	history (event, available, version, draft	0 . 0 . 0			remarks - general:				
	RP-16 26/06/2002	1 . 0 . 0	RP-020376	get it	remarks - this release: .				
<hr/>									
TR 25.921	Guidelines and principles for protocol description and error handling								
Rel-5	current version: 5.1.0		WG (prime / other): R2 / -	rapporteur: KALLA, Gairn	NOKIA UK Ltd				
	freeze_meeting: RP-15		G: U: yes	MCC: ARZELIER, Claude					
	history (event, available, version, RP-15 19/03/2002	5 . 0 . 0			remarks - general:				
	RP-18 13/01/2003	5 . 1 . 0		get it	remarks - this release: .				
<hr/>									
TR 25.922	Radio Resource Management Strategies								
Rel-5	current version: 5.0.0		WG (prime / other): R2 / -	rapporteur: BULDORINI, Andrea	TELECOM ITALIA S.p.A.				
	freeze_meeting: RP-15		G: U: yes	MCC: ARZELIER, Claude					
	history (event, available, version, RP-15 19/03/2002	5 . 0 . 0			remarks - general:				
				get it	remarks - this release: .				
<hr/>									
TR 25.931	UTRAN Functions, examples on signalling procedures								
Rel-5	current version: 5.1.0		WG (prime / other): R3 / -	rapporteur: CASALINO, Francesco	TELECOM ITALIA S.p.A.				
	freeze_meeting: RP-15		G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version, RP-15 02/04/2002	5 . 0 . 0			remarks - general:				
	RP-16 28/06/2002	5 . 1 . 0		get it	remarks - this release: .				
				get it					

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TR 25.933	IP transport in UTRAN					
Rel-5	current version: 5.3.0		WG (prime / other): R3 / -	rapporteur: DREVON, Nicolas	ALCATEL S.A.	
	freeze_meeting: RP-15		G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,					
	RP-15 28/03/2002	5 . 0 . 0				get it remarks - general:
	RP-16 28/06/2002	5 . 1 . 0				get it remarks - this release: 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).
	RP-17 03/10/2002	5 . 2 . 0				get it
	RP-20 17/06/2003	5 . 3 . 0				get it

TR 25.942	RF system scenarios					
Rel-5	current version: 5.1.0		WG (prime / other): R4 / -	rapporteur: BENABDALLAH, Nadia	Vodafone Omnitel N.V	
	freeze_meeting: RP-15		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar		
	history (event, available, version,					
	RP-15 02/04/2002	5 . 0 . 0				get it remarks - general: Additional rapporteur = A.De Pasquale.
	RP-16 03/07/2002	5 . 1 . 0				get it remarks - this release: .

TR 25.943	Deployment aspects					
Rel-5	current version: 5.1.0		WG (prime / other): R4 / -	rapporteur: SKÖLD, Johan	Telefon AB LM Ericsson	
	freeze_meeting: RP-15		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar		
	history (event, available, version,					
	RP-15 02/04/2002	5 . 0 . 0				get it remarks - general:
	edito 03/05/2002	5 . 0 . 1				get it remarks - this release: .
	RP-16 03/07/2002	5 . 1 . 0				get it

TR 25.945	RF requirements for low chip rate TDD option					
Rel-5	current version: 5.0.0		WG (prime / other): R4 / -	rapporteur: ZHANG, Daijun	CATT	
	freeze_meeting: RP-15		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar		
	history (event, available, version,					
	RP-15 02/04/2002	5 . 0 . 0				get it remarks - general:
						remarks - this release: .

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TR 25.952 Base Station classification (TDD)

Rel-5 *current version:* 5.2.0 *WG (prime / other):* R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-12 2 . 0 . 0 RP-010457 *remarks - general:*
RP-12 29/06/2001 5 . 0 . 0 [get it](#) *remarks - this release:* promoted from Rel-4 at RP-12.
RP-16 03/07/2002 5 . 1 . 0 [get it](#)
RP-19 04/04/2003 5 . 2 . 0 [get it](#)

TR 25.956 UTRA repeater: Planning guidelines and system analysis

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R4 / - *rapporteur:* GARCIA LOPEZ, Lorena TELEFONICA DE ESPAÑA SA
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-15 02/04/2002 5 . 0 . 0 [get it](#) *remarks - general:* .
remarks - this release: .

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R4 / *rapporteur:* MOSHAVI, Shimon INTEL CORPORATION SARL
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-14 02/01/2002 1 . 0 . 0 RP-010892 [get it](#) *remarks - general:*
RP-15 19/03/2002 2 . 0 . 0 RP-020121 [get it](#) *remarks - this release:* .
RP-15 02/04/2002 5 . 0 . 0 [get it](#)
RP-18 10/01/2003 5 . 1 . 0 [get it](#)

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,
RP-18 13/01/2003 5 . 0 . 0 Back creation from Rel-6 version [get it](#) *remarks - general:*
remarks - this release: Pointer to latest release version.

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

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TR 25.994	Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults				
Rel-5	current version: 0.0.0 freeze_meeting: SP-15	DRAFT	WG (prime / other): R2 / R1, R3, R4	rapporteur: COURAU, François	ALCATEL S.A.
			G: U: yes	MCC: ARZELIER, Claude	
	history (event, available, version, RP-18 06/01/2003 0 . 0 . 0	RP-020880	get it	remarks - general: RP-20: Primary responsibility moved from RP to R2. remarks - this release: .	
TR 25.995	Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface specification				
Rel-5	current version: 0.0.1 freeze_meeting: SP-15	DRAFT	WG (prime / other): R2 / R1, R3, R4	rapporteur: COURAU, François	ALCATEL S.A.
			G: U: yes	MCC: ARZELIER, Claude	
	history (event, available, version, draft	0 . 0 . 1		remarks - general: RP-20: Primary responsibility moved from RP to R2. remarks - this release: .	

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

TS 26.071	AMR speech Codec; General description				
Rel-5	current version: 5.0.0 freeze_meeting: SP-16		WG (prime / other): S4 / -	rapporteur: EKUDDEN, Erik	Telefon AB LM Ericsson
	history (event, available, version, SP-16 28/06/2002 5 . 0 . 0		G: yes U: yes	MCC: USAI, Paolino	
			get it	remarks - general: Transfer>TSG#4 remarks - this release: .	
TS 26.073	AMR speech Codec; C-source code				
Rel-5	current version: 5.1.0 freeze_meeting: SP-16		WG (prime / other): S4 / -	rapporteur: EKUDDEN, Erik	Telefon AB LM Ericsson
	history (event, available, version, SP-16 28/06/2002 5 . 0 . 0 SP-19 04/04/2003 5 . 1 . 0		G: yes U: yes	MCC: USAI, Paolino	
			get it	remarks - general: remarks - this release: .	

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

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TS 26.074	AMR speech Codec; Test sequences					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.077	Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	correct spelling 17/06/2003 5 . 0 . 1	get it	<i>remarks - this release:</i> .			
	mistake in title					
<hr/>						
TS 26.090	AMR speech Codec; Transcoding Functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.091	AMR speech Codec; Error concealment of lost frames					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			

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

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TS 26.093	AMR speech Codec; Source Controlled Rate operation					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-17 24/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-18 03/01/2003 5 . 2 . 0	get it				
<hr/>						
TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-18 03/01/2003 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-19 04/04/2003 5 . 2 . 0	get it				

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

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TS 26.103	Speech codec list for GSM and UMTS					
Rel-5	current version: 5.4.0	WG (prime / other):	S4 / -	rapporteur:	HELLWIG, Karl	Telefon AB LM Ericsson
	freeze_meeting: SP-15	G: yes U: yes		MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-11 10/04/2001 5 . 0 . 0	get it		remarks - general:	New after TSG#5	
	SP-15 28/03/2002 5 . 1 . 0	get it		remarks - this release:		
	SP-16 28/06/2002 5 . 2 . 0	get it				
	SP-17 24/09/2002 5 . 3 . 0	get it				
	SP-18 03/01/2003 5 . 4 . 0	get it				
TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-5	current version: 5.2.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.
	freeze_meeting: SP-16	G: yes U: yes		MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-16 28/06/2002 5 . 0 . 0	get it		remarks - general:		
	SP-19 04/04/2003 5 . 1 . 0	get it		remarks - this release:	.	
	SP-20 25/06/2003 5 . 2 . 0	get it				
TS 26.110	Codec for circuit switched multimedia telephony service; General description					
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	ARONSON, Barry	TOSHIBA CO
	freeze_meeting: SP-16	G: yes U: yes		MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-16 28/06/2002 5 . 0 . 0	get it		remarks - general:		
				remarks - this release:	.	
TS 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324					
Rel-5	current version: 5.1.0	WG (prime / other):	S4 / -	rapporteur:	ARONSON, Barry	TOSHIBA CO
	freeze_meeting: SP-16	G: yes U: yes		MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-16 28/06/2002 5 . 0 . 0	get it		remarks - general:	CR at TSG#5	
	SP-20 25/06/2003 5 . 1 . 0	get it		remarks - this release:	.	
TS 26.115	Echo control for speech and multi-media services					
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.
	freeze_meeting: SP-16	G: U: yes		MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-16 28/06/2002 5 . 0 . 0	get it		remarks - general:		
				remarks - this release:	.	

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

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TS 26.131	Terminal acoustic characteristics for telephony; Requirements						
Rel-5	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S4 / - <i>G:</i> yes <i>U:</i> yes		<i>rapporteur:</i> GOETZ, Ian <i>MCC:</i> USAI, Paolino		TELLABS OPERATIONS INC.	
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 5 . 0 . 0		get it	<i>remarks - general:</i>			
	SP-13 02/10/2001 5 . 1 . 0		get it	<i>remarks - this release:</i>			
	SP-17 24/09/2002 5 . 2 . 0		get it				
<hr/>							
TS 26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification						
Rel-5	<i>current version:</i> 5.3.0 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S4 / - <i>G:</i> yes <i>U:</i> yes		<i>rapporteur:</i> GOETZ, Ian <i>MCC:</i> USAI, Paolino		TELLABS OPERATIONS INC.	
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 5 . 0 . 0		get it	<i>remarks - general:</i>			
	SP-13 02/10/2001 5 . 1 . 0		get it	<i>remarks - this release:</i>			
	SP-15 28/03/2002 5 . 2 . 0		get it				
	SP-17 24/09/2002 5 . 3 . 0		get it				
<hr/>							
TS 26.140	Multimedia Messaging Service (MMS); Media formats and codes						
Rel-5	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S4 / T2 <i>G:</i> yes <i>U:</i> yes		<i>rapporteur:</i> CASTAGNO, Roberto <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
	<i>history (event, available, version,</i>						
	SP-14 02/01/2002 1 . 0 . 0 SP-010695		get it	<i>remarks - general:</i>			
	SP-15 19/03/2002 2 . 0 . 0 SP-020075		get it	<i>remarks - this release:</i> .			
	SP-15 28/03/2002 5 . 0 . 0		get it				
	SP-16 28/06/2002 5 . 1 . 0		get it				
	SP-18 03/01/2003 5 . 2 . 0		get it				
<hr/>							
TS 26.171	AMR speech codec, wideband; General description						
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S4 / - <i>G:</i> yes <i>U:</i> yes		<i>rapporteur:</i> EKUDDEN, Erik <i>MCC:</i> USAI, Paolino		Telefon AB LM Ericsson	
	<i>history (event, available, version,</i>						
	SP-10 1 . 0 . 0			<i>remarks - general:</i>			
	SP-11 10/04/2001 5 . 0 . 0		get it	<i>remarks - this release:</i>			

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TS 26.173	ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec						
Rel-5	<i>current version:</i> 5.7.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001	5 . 0 . 0	get it	<i>remarks - general:</i>	2001-10-01: added "G" flag.		
	SP-12 27/06/2001	5 . 1 . 0	get it	<i>remarks - this release:</i>			
	edito 27/06/2001	5 . 1 . 1	get it				
	SP-13 02/10/2001	5 . 2 . 0	get it				
	SP-14 09/01/2002	5 . 3 . 0	get it				
	SP-15 28/03/2002	5 . 4 . 0	get it				
	SP-18 03/01/2003	5 . 5 . 0	get it				
	SP-19 04/04/2003	5 . 6 . 0	get it				
	SP-20 25/06/2003	5 . 7 . 0	get it				
	SP-20 27/06/2003	5 . 7 . 1	get it				Includes C-code!
<hr/>							
TS 26.174	AMR speech codec, wideband; Test sequences						
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001	5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 27/06/2001	5 . 1 . 0	get it	<i>remarks - this release:</i>			
	correction to test 12/11/2001	5 . 1 . 1	get it				
	sequences						
	SP-14 09/01/2002	5 . 2 . 0	get it				
	SP-15 28/03/2002	5 . 3 . 0	get it				
	SP-18 03/01/2003	5 . 4 . 0	get it				
<hr/>							
TS 26.190	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions						
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001	5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-14 09/01/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>			

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

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TS 26.191	AMR speech codec, wideband; Error concealment of lost frames						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-15 28/03/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>				
<hr/>							
TS 26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
TS 26.193	AMR speech codec, wideband; Source Controlled Rate operation						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
TS 26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
TS 26.201	AMR speech codec, wideband; Frame structure						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				

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

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TS 26.202	AMR speech codec, wideband; Interface to Iu and Uu					
Rel-5	current version: 5.1.0	WG (prime / other): S4 / -	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: SP-15	G: yes U: yes	MCC: USAI, Paolino			
	history (event, available, version, draft	1 . 0 . 0			remarks - general:	
	SP-11 02/08/2001	2 . 0 . 0			remarks - this release:	
	SP-11 10/04/2001	5 . 0 . 0				
	SP-17 24/09/2002	5 . 1 . 0				
					get it	
					get it	
					get it	
TS 26.204	ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec					
Rel-5	current version: 5.1.0	WG (prime / other): S4 /	rapporteur: N, A	Indicate persons who left Company and wait for new One		
	freeze_meeting: SP-15	G: yes U: yes	MCC: USAI, Paolino			
	history (event, available, version, SP-14 02/01/2002	1 . 0 . 0			remarks - general:	
	SP-15 19/03/2002	2 . 0 . 0			remarks - this release: .	
	SP-15 28/03/2002	5 . 0 . 0				
	SP-19 04/04/2003	5 . 1 . 0				
					get it	
					get it	
					get it	
					get it	
TS 26.226	Global text telephony (GTT); Transport of text in the voice channel					
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: HELLSTROM, Gunnar	Omnitor AB		
	freeze_meeting: SP-15	G: yes U: yes	MCC: USAI, Paolino			
	history (event, available, version, SP-11 10/04/2001	5 . 0 . 0			remarks - general: SP-16: in "GERAN" set.	
					remarks - this release: TSG#10:2.0.0=SP-000569(Rel-5)->Rel-4	
TS 26.230	Global text telephony (GTT); Cellular text telephone modem transmitter C-code description					
Rel-5	current version: 5.0.1	WG (prime / other): S4 / -	rapporteur: HELLSTROM, Gunnar	Omnitor AB		
	freeze_meeting: SP-15	G: yes U: yes	MCC: USAI, Paolino			
	history (event, available, version, SP-11 10/04/2001	5 . 0 . 0			remarks - general: SP-16: in "GERAN" set.	
	correct c-code 29/05/2001	5 . 0 . 1			remarks - this release: TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4	
					get it	
					get it	

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

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TS 26.231	Global text telephony (GTT); Cellular text telephone modem minimum performance requirements								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> HELLSTROM, Gunnar				Omnicor AB
	<i>freeze_meeting:</i> SP-15		G: yes U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-10 21/12/2000	1 . 0 . 0		get it	<i>remarks - general:</i>		SP-16: in "GERAN" set.		
	SP-11 10/04/2001	5 . 0 . 0		get it	<i>remarks - this release:</i>				
	SP-13 02/10/2001	5 . 1 . 0		get it					
	SP-15 28/03/2002	5 . 2 . 0		get it					
<hr/>									
TS 26.233	End-to-end transparent streaming service; General description								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> HONKO, Harri				NOKIA Corporation
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-15 28/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>		.		
<hr/>									
TS 26.234	Transparent end-to-end streaming service; Protocols and codecs								
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> FRANCESCHI, Olle				Nippon Ericsson K.K.
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-15 28/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	SP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>		.		
	SP-17 24/09/2002	5 . 2 . 0		get it					
	SP-18 03/01/2003	5 . 3 . 0		get it					
	SP-19 04/04/2003	5 . 4 . 0		get it					
	SP-20 25/06/2003	5 . 5 . 0		get it					
<hr/>									
TS 26.235	Packet switched conversational multimedia applications; Default codecs								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> OJALA, Pasi				Nokia Research Center
	<i>freeze_meeting:</i> SP-15		G: yes U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-12 27/06/2001	5 . 0 . 0	based on v4.1.0	get it	<i>remarks - general:</i>				
	SP-15 28/03/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>		SP-12: transferred to Rel-5.		

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

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TS 26.236	Packet switched conversational multimedia applications; Transport protocols							
Rel-5	current version: 5.3.0 freeze_meeting: SP-15		WG (prime / other): S4 / - G: U: yes		rapporteur: OJALA, Pasi MCC: USAI, Paolino			Nokia Research Center
	history (event, available, version,							
	SP-14 02/01/2002	1 . 0 . 0		SP-010694	get it	remarks - general:		
	SP-15 19/03/2002	2 . 0 . 0		SP-020074	get it	remarks - this release: .		
	SP-15 28/03/2002	5 . 0 . 0			get it			
	SP-18 03/01/2003	5 . 1 . 0			get it			
	SP-19 04/04/2003	5 . 2 . 0			get it			
	SP-20 25/06/2003	5 . 3 . 0			get it			
TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide							
Rel-5	current version: 5.1.0 freeze_meeting: SP-16		WG (prime / other): S4 / - G: yes U: yes		rapporteur: HAAVISTO, Petri MCC: USAI, Paolino			Nokia Research Center
	history (event, available, version,							
	SP-16 28/06/2002	5 . 0 . 0			get it	remarks - general:		
	SP-19 04/04/2003	5 . 1 . 0			get it	remarks - this release: .		
TR 26.937	Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model							
Rel-5	current version: 2.0.0 freeze_meeting: SP-15	DRAFT	WG (prime / other): S4 / - G: U: yes		rapporteur: VARSA, Viktor MCC: USAI, Paolino			Nokia Telecommunications Inc.
	history (event, available, version,							
	S4-19 16/01/2002	0 . 1 . 0		S4-010679	get it	remarks - general:		
	SP-18 03/01/2003	1 . 2 . 0		SP-020683	get it	remarks - this release: 2003-01-14: WG Secretary reports that this TS should be approved at SP-19. SP-19: still under revision, anticipated for approval at SP-20.		
	draft 04/04/2003	1 . 4 . 0			get it			
	S4-26 17/06/2003	1 . 5 . 0		S4-030369	get it			
	SP-21	2 . 0 . 0						
TR 26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec							
Rel-5	current version: 5.0.0 freeze_meeting: SP-16		WG (prime / other): S4 / - G: yes U: yes		rapporteur: EKUDDEN, Erik MCC: USAI, Paolino			Telefon AB LM Ericsson
	history (event, available, version,							
	SP-16 28/06/2002	5 . 0 . 0			get it	remarks - general: Replaces 26.075. 2001-10-02: Also for GSM. remarks - this release: .		

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

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TR 26.976 Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* VAINIO, Janne NOKIA Corporation
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
draft 0 . 0 . 1 *remarks - general:* Cf 26.975.
SP-12 27/06/2001 0 . 3 . 0 SP-010302 [get it](#) *remarks - this release:* .
SP-14 02/01/2002 0 . 6 . 0 SP-010692 [get it](#)
SP-17 24/09/2002 1 . 0 . 0 SP-020432 [get it](#)
SP-18 16/01/2003 2 . 0 . 0 SP-020682 [get it](#)
SP-18 03/01/2003 5 . 0 . 0 [get it](#)

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

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-15 20/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-16 24/06/2002 5 . 2 . 0 [get it](#)
NP-17 17/09/2002 5 . 3 . 0 [get it](#)
NP-18 09/01/2003 5 . 4 . 0 [get it](#)
NP-19 27/03/2003 5 . 5 . 0 [get it](#)
NP-20 25/06/2003 5 . 6 . 0 [get it](#)

TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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Server ACTIVE specs Rel-5 27 .- series
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TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-16 25/06/2002 5 . 0 . 0

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

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-14 15/01/2002 5 . 0 . 0
TP-15 04/04/2002 5 . 1 . 0
TP-18 20/12/2002 5 . 2 . 0
TP-19 31/03/2003 5 . 3 . 0

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-16 26/06/2002 5 . 0 . 0

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

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

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TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services								
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd					
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	NP-14 11/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i> GPRS						
	NP-16 24/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .						
	NP-17 17/09/2002 5 . 2 . 0	get it							
	NP-18 09/01/2003 5 . 3 . 0	get it							
	NP-20 23/06/2003 5 . 4 . 0	get it							
<hr/>									
TS 27.103	Wide Area Network Synchronization								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> CHAU, Alan	NOKIA UK Ltd					
	<i>freeze_meeting:</i> TP-15	<i>G: yes U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	TP-16 26/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
<hr/>									
TR 27.901	Report on Terminal Interfaces - An Overview								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB					
	<i>freeze_meeting:</i> TP-15	<i>G: U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	TP-16 26/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						

Rel-5 **28** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SUERBAUM, Clemens	SIEMENS AG					
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	SP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
	SP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .						
	SP-17 24/09/2002 5 . 2 . 0	get it							
	SP-18 03/01/2003 5 . 3 . 0	get it							

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

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Rel-5 **29** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

Rel-5	<i>current version:</i> 5.6.2			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> NP-15			<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo	
<i>history (event, available, version,</i>						
NP-14	18/01/2002	5	. 0 . 0	get it	<i>remarks - general:</i>	
NP-15	04/04/2002	5	. 1 . 0	get it	<i>remarks - this release: .</i>	
NP-16	21/06/2002	5	. 2 . 0	get it		
NP-17	24/09/2002	5	. 3 . 0	get it		
NP-18	09/01/2003	5	. 4 . 0	get it		
NP-19	04/04/2003	5	. 5 . 0	get it		
NP-20	04/07/2003	5	. 6 . 0	get it		delayed availability due to complexity of changes
Correct dangling connector in SDL	07/07/2003	5	. 6 . 1	get it		
Mention of some CRs had been omitted from change history table	15/07/2003	5	. 6 . 2	get it		

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

Rel-5	<i>current version:</i> 5.6.0			<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG
	<i>freeze_meeting:</i> NP-15			<i>G: yes U: yes</i>	<i>MCC:</i> BOSWARTHICK, David	
<i>history (event, available, version,</i>						
NP-14	11/01/2002	5	. 0 . 0	get it	<i>remarks - general:</i>	
NP-15	20/03/2002	5	. 1 . 0	get it	<i>remarks - this release: .</i>	
NP-16	28/06/2002	5	. 2 . 0	get it		
NP-17	17/09/2002	5	. 3 . 0	get it		
NP-18	09/01/2003	5	. 4 . 0	get it		
NP-19	27/03/2003	5	. 5 . 0	get it		
NP-20	23/06/2003	5	. 6 . 0	get it		

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

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Server ACTIVE specs Rel-5 29 .- series
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TS 29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
Rel-5	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	5.3.1	WG (prime / other):	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
	TeliaSonera AB								
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	NP-16	21/06/2002	5	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4 (transfer??)
	NP-17	18/09/2002	5	.	1	.	0	get it	<i>remarks - this release:</i> .
	NP-18	07/01/2003	5	.	2	.	0	get it	
	NP-20	27/06/2003	5	.	3	.	0	get it	
	Implemented CR	04/07/2003	5	.	3	.	1	get it	
	29.010-090								
	removed								
<hr/>									
TS 29.011	Signalling Interworking for Supplementary Services								
Rel-5	<i>current version:</i> 5.0.0		WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich		Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	NP-16	25/06/2002	5	.	0	.	0	get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TS 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
Rel-5	<i>current version:</i> 5.0.0		WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich		Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	NP-16	25/06/2002	5	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4
									<i>remarks - this release:</i> .
<hr/>									
TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification								
Rel-5	<i>current version:</i> 5.0.0		WG (prime / other):	N1	/-	<i>rapporteur:</i>	MILLS, Duncan		VODAFONE Group Plc
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>								
	NP-16	26/06/2002	5	.	0	.	0	get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> .

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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-5	current version: 5.4.0	WG (prime / other):	N1 / -	rapporteur:	MILLS, Duncan	VODAFONE Group Plc			
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	NP-14 04/01/2002	5 . 0 . 0		get it	remarks - general:				
	NP-15 19/03/2002	5 . 1 . 0		get it	remarks - this release: .				
	NP-16 26/06/2002	5 . 2 . 0		get it					
	NP-18 18/12/2002	5 . 3 . 0		get it					
	NP-20 03/07/2003	5 . 4 . 0		get it					
<hr/>									
TS 29.060	General Packet Radio Service (GPRS); GPRS Tunneling Protocol (GTP) across the Gn and Gp interface								
Rel-5	current version: 5.6.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB			
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-14 11/01/2002	5 . 0 . 0		get it	remarks - general:				
	NP-14 editorial 18/01/2002	5 . 0 . 1		get it	remarks - this release: .				
	NP-15 28/03/2002	5 . 1 . 0		get it					
	NP-16 21/06/2002	5 . 2 . 0		get it					
	NP-17 18/09/2002	5 . 3 . 0		get it					
	NP-18 07/01/2003	5 . 4 . 0		get it					
	NP-19 04/04/2003	5 . 5 . 0		get it					
	NP-20 27/06/2003	5 . 6 . 0		get it					
<hr/>									
TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)								
Rel-5	current version: 5.6.0	WG (prime / other):	N3 / -	rapporteur:	WILD, Johanna	MOTOROLA Ltd			
	freeze_meeting: NP-17	G: yes	U: yes	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	NP-14 14/01/2002	5 . 0 . 0		get it	remarks - general:	Former title: "General Packet Radio Service (GPRS); Interworking between the			
	NP-15 20/03/2002	5 . 1 . 0		get it	remarks - this release:	NP-16: spec should not be considered Public			
	Land Mobile Network (PLMN) supporting GPRS and Packet".								
		as frozen; withdraw SDO publications?				frozen yet. So change freeze date from March 2002 to Sept 2002.			
	NP-16 02/07/2002	5 . 2 . 0		get it					
	edito post NP-16 25/07/2002	5 . 2 . 1		get it					
	NP-17 17/09/2002	5 . 3 . 0		get it					
	NP-18 09/01/2003	5 . 4 . 0		get it					
	NP-19 27/03/2003	5 . 5 . 0		get it					
	NP-20 23/06/2003	5 . 6 . 0		get it					

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

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TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version,</i>					
	NP-16 18/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	NP-17 17/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> Phase 4			
	NP-18 18/12/2002 5 . 2 . 0	get it				
	NP-19 25/03/2003 5 . 3 . 0	get it				
	NP-20 25/06/2003 5 . 4 . 0	get it				

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> TSG#8:Appeared as v2.0.0 (RP-000258)			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-18 03/01/2003 5 . 2 . 0	get it				
	RP-19 26/03/2003 5 . 3 . 0	get it				

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited		
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
			<i>remarks - this release:</i> .			

TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation		
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
			<i>remarks - this release:</i> .			

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

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TS 29.198-01	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview								
Rel-5	current version: 5.2.0	WG (prime / other):	N5 /	rapporteur:	ABARCA, Chelo	ALCATEL S.A.			
	freeze_meeting: NP-15	G:	U: yes	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	NP-16 26/06/2002	5 . 0 . 0		get it	remarks - general:				
	NP-17 01/10/2002	5 . 1 . 0		get it	remarks - this release: .				
	N5-22 04/04/2003	5 . 1 . 1	(Introduction, Reference Titles)	get it					
	NP-20 18/06/2003	5 . 2 . 0		get it					
<hr/>									
TS 29.198-02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data								
Rel-5	current version: 5.3.0	WG (prime / other):	N5 /	rapporteur:	ABARCA, Chelo	ALCATEL S.A.			
	freeze_meeting: NP-15	G:	U: yes	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	NP-16 26/06/2002	5 . 0 . 0		get it	remarks - general:				
	NP-17 01/10/2002	5 . 1 . 0		get it	remarks - this release: .				
	add missing 09/10/2002	5 . 1 . 1		get it					
	attachments post								
	NP-17								
	NP-19 04/04/2003	5 . 2 . 0		get it					
	NP-20 18/06/2003	5 . 3 . 0		get it					
<hr/>									
TS 29.198-03	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework								
Rel-5	current version: 5.3.0	WG (prime / other):	N5 /	rapporteur:	BENNETT, Andy	Lucent Technologies Network Systems UK			
	freeze_meeting: NP-16	G:	U: yes	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	NP-16 05/07/2002	5 . 0 . 0		get it	remarks - general:				
	NP-17 01/10/2002	5 . 1 . 0		get it	remarks - this release: .				
	NP-19 04/04/2003	5 . 2 . 0		get it					
	NP-20 18/06/2003	5 . 3 . 0		get it					
<hr/>									
TS 29.198-04-	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions								
Rel-5	current version: 5.3.0	WG (prime / other):	N5 /	rapporteur:	BAKKER, John-Luc	Telcordia Technologies, Inc.			
	freeze_meeting: NP-16	G:	U: yes	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	NP-16 19/07/2002	5 . 0 . 0		get it	remarks - general:				
	NP-17 01/10/2002	5 . 1 . 0		get it	remarks - this release: .				
	NP-19 04/04/2003	5 . 2 . 0		get it					
	NP-20 18/06/2003	5 . 3 . 0		get it					

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

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TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data Service Capability Feature (SCF)					
Rel-5	current version: 5.3.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.	
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	NP-16 19/07/2002	5 . 0 . 0	get it	remarks - general:	
	NP-17 01/10/2002	5 . 1 . 0	get it	remarks - this release: .	
	NP-19 04/04/2003	5 . 2 . 0	get it		
	NP-20 18/06/2003	5 . 3 . 0	get it		
<hr/>					
TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF)					
Rel-5	current version: 5.3.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.	
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	NP-16 19/07/2002	5 . 0 . 0	get it	remarks - general:	
	NP-17 01/10/2002	5 . 1 . 0	get it	remarks - this release: .	
	NP-19 04/04/2003	5 . 2 . 0	get it		
	NP-20 18/06/2003	5 . 3 . 0	get it		
<hr/>					
TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF)					
Rel-5	current version: 5.3.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.	
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	NP-16 19/07/2002	5 . 0 . 0	get it	remarks - general:	
	NP-17 01/10/2002	5 . 1 . 0	get it	remarks - this release: .	
	NP-19 04/04/2003	5 . 2 . 0	get it		
	NP-20 18/06/2003	5 . 3 . 0	get it		
<hr/>					
TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction					
Rel-5	current version: 5.3.0	WG (prime / other): N5 /	rapporteur: ABARCA, Chelo	ALCATEL S.A.	
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	NP-16 26/06/2002	5 . 0 . 0	get it	remarks - general:	
	NP-17 01/10/2002	5 . 1 . 0	get it	remarks - this release: .	
	NP-19 04/04/2003	5 . 2 . 0	get it		
	NP-20 18/06/2003	5 . 3 . 0	get it		

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

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TS 29.198-06	Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility					
Rel-5	current version: 5.2.0	WG (prime / other): N5 /	rapporteur: ABARCA, Chelo	ALCATEL S.A.		
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	NP-16 26/06/2002	5 . 0 . 0	get it	remarks - general:		
	NP-17 01/10/2002	5 . 1 . 0	get it	remarks - this release: .		
	NP-19 04/04/2003	5 . 2 . 0	get it			
<hr/>						
TS 29.198-07	Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities					
Rel-5	current version: 5.3.0	WG (prime / other): N5 /	rapporteur: SAARENPA, Matti	NOKIA Corporation		
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	NP-15 27/03/2002	5 . 0 . 0	get it	remarks - general:		
	NP-16 26/06/2002	5 . 1 . 0	get it	remarks - this release: .		
	NP-17 01/10/2002	5 . 2 . 0	get it			
	NP-19 04/04/2003	5 . 3 . 0	get it			
<hr/>						
TS 29.198-08	Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control					
Rel-5	current version: 5.3.0	WG (prime / other): N5 /	rapporteur: UNMEHOPA, Musa	Lucent Technologies Nederland B.V.		
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	NP-16 26/06/2002	5 . 0 . 0	get it	remarks - general:		
	NP-17 01/10/2002	5 . 1 . 0	get it	remarks - this release: .		
	NP-19 04/04/2003	5 . 2 . 0	get it			
	NP-20 18/06/2003	5 . 3 . 0	get it			
<hr/>						
TS 29.198-11	Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management					
Rel-5	current version: 5.2.0	WG (prime / other): N5 /	rapporteur: SCHILDERS, Koen	Telefon AB LM Ericsson		
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	NP-16 05/07/2002	5 . 0 . 0	get it	remarks - general:		
	NP-17 01/10/2002	5 . 1 . 0	get it	remarks - this release: .		
	NP-19 04/04/2003	5 . 2 . 0	get it			

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

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TS 29.198-12	Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging					
Rel-5	current version: 5.2.0	WG (prime / other):	N5 /	rapporteur:	SCHILDERS, Koen	Telefon AB LM Ericsson
	freeze_meeting: NP-16	G:	U: yes	MCC:	ZOICAS, Adrian	
	history (event, available, version,					
	NP-16 05/07/2002	5	. 0 . 0	get it	remarks - general:	
	NP-17 01/10/2002	5	. 1 . 0	get it	remarks - this release: .	
	NP-19 04/04/2003	5	. 2 . 0	get it		
<hr/>						
TS 29.198-13	Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF					
Rel-5	current version: 5.1.0	WG (prime / other):	N5 /	rapporteur:	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.
	freeze_meeting: NP-16	G:	U: yes	MCC:	ZOICAS, Adrian	
	history (event, available, version,					
	draft 29/01/2002	0	. 0 . 1	get it	remarks - general:	N5-020036
	draft 22/04/2002	1	. 0 . 0	get it	remarks - this release: .	
	NP-16 31/05/2002	2	. 0 . 0	get it		NP-020195
	NP-16 17/06/2002	5	. 0 . 0	get it		
	NP-17 01/10/2002	5	. 1 . 0	get it		
<hr/>						
TS 29.198-14	Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM)					
Rel-5	current version: 5.2.0	WG (prime / other):	N5 /	rapporteur:	VENKATESH, Guda	Teltier Technologies
	freeze_meeting: NP-16	G:	U: yes	MCC:	ZOICAS, Adrian	
	history (event, available, version,					
	draft 22/04/2002	1	. 0 . 0	get it	remarks - general:	
	NP-16 31/05/2002	2	. 0 . 0	get it	remarks - this release: .	NP-020196
	NP-16 17/06/2002	5	. 0 . 0	get it		
	NP-17 01/10/2002	5	. 1 . 0	get it		
	NP-20 18/06/2003	5	. 2 . 0	get it		
<hr/>						
TS 29.202	Signalling System No. 7 (SS7) signalling transport in core network; Stage 3					
Rel-5	current version: 5.2.0	WG (prime / other):	N4 /	rapporteur:	ANGELO, Ciriaco	Telefon AB LM Ericsson
	freeze_meeting: NP-15	G:	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-16 25/06/2002	5	. 0 . 0	get it	remarks - general:	
	NP-17 18/09/2002	5	. 1 . 0	get it	remarks - this release: .	
	NP-18 07/01/2003	5	. 2 . 0	get it		

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

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TS 29.205	Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3								
Rel-5	current version: 5.1.0	WG (prime / other):	N4 /	rapporteur:	HEIDERMARK, Alf	Telefon AB LM Ericsson			
	freeze_meeting: NP-15	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-16 25/06/2002	5	. 0 . 0	get it	remarks - general:				
	NP-20 27/06/2003	5	. 1 . 0	get it	remarks - this release: .				
<hr/>									
TS 29.207	Policy control over Go interface								
Rel-5	current version: 5.4.0	WG (prime / other):	N3 / -	rapporteur:	YOKOTA, Daisuke	Lucent Technologies Network Systems UK			
	freeze_meeting: NP-16	G: yes	U: yes	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	draft 08/11/2001	0	. 2 . 0	get it	remarks - general:	NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".			
	draft 14/01/2002	0	. 5 . 0	get it	remarks - this release: .				
	draft 18/02/2002	0	. 6 . 0	get it					
	NP-15 19/03/2002	1	. 0 . 0	get it					NP-020078
	draft 18/04/2002	1	. 1 . 0	get it					
	NP-16 26/06/2002	2	. 0 . 0	get it					NP-020167 (RFC ref needs cleaning)
	NP-16 28/06/2002	5	. 0 . 0	get it					
	NP-17 19/09/2002	5	. 1 . 0	get it					
	NP-18 14/01/2003	5	. 2 . 0	get it					
	NP-19 27/03/2003	5	. 3 . 0	get it					
	NP-20 25/06/2003	5	. 4 . 0	get it					

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

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

Rel-5	current version: 5.4.0	WG (prime / other): N3 /	rapporteur: YOKOTA, Daisuke	Lucent Technologies Network Systems UK
	freeze_meeting: NP-16	G: yes U: yes	MCC: BOSWARTHICK, David	
<i>history (event, available, version,</i>				
	draft 08/11/2001	0 . 1 . 0	get it	remarks - general:
	draft 14/01/2002	0 . 2 . 0	get it	remarks - this release: .
	draft 18/02/2002	0 . 3 . 1	get it	
	NP-15 19/03/2002	1 . 0 . 0	get it	NP-020079
	draft 18/04/2002	1 . 1 . 0	get it	
	NP-16 26/06/2002	2 . 0 . 0	get it	NP-020166
	NP-16 28/06/2002	5 . 0 . 0	get it	
	NP-17 18/09/2002	5 . 1 . 0	get it	
	NP-18 09/01/2003	5 . 2 . 0	get it	
	NP-19 27/03/2003	5 . 3 . 0	get it	
	editorial post 09/04/2003	5 . 3 . 1	get it	
	NP-19			
	NP-20 23/06/2003	5 . 4 . 0	get it	

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

Rel-5	current version: 5.4.0	WG (prime / other): N4 /	rapporteur: PALLARES LÓPEZ,	Telefon AB LM Ericsson
	freeze_meeting: NP-16	G: yes U: yes	MCC: Miguel Angel KYMALAINEN, Kimmo	
<i>history (event, available, version,</i>				
	NP-12 04/07/2001	0 . 1 . 0	get it	remarks - general: Additional rapporteur: Miguel-Angel Pallares-Lopez
	N4-08	0 . 2 . 0		remarks - this release: .
	N4-09	0 . 3 . 0		
	N4-11	0 . 4 . 0		
	draft	0 . 5 . 0		
	NP-14 02/01/2002	1 . 0 . 0	get it	
	draft 28/03/2002	1 . 1 . 0	get it	
	NP-16 25/06/2002	2 . 0 . 0	get it	NP-020264
	NP-16 25/06/2002	5 . 0 . 0	get it	
	NP-17 17/09/2002	5 . 1 . 0	get it	
	NP-18 07/01/2003	5 . 2 . 0	get it	
	NP-19 07/04/2003	5 . 3 . 0	get it	
	NP-20 27/06/2003	5 . 4 . 0	get it	

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

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N4 / - *rapporteur:* PALLARES LÓPEZ, Miguel Angel Telefon AB LM Ericsson
freeze_meeting: NP-16 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

N4-09	0	.	1	.	0	N4-010932		<i>remarks - general:</i> 2nd rapporteur: CZOMA, Balazs.
N4-10	0	.	2	.	0	N4-011064		<i>remarks - this release:</i> .
N4-11	0	.	3	.	0	N4-011296		
N4-11	0	.	4	.	0	N4-011408		
NP-14	02/01/2002	1	.	0	.	0	NP-010628	get it
draft	28/03/2002	1	.	1	.	0		get it
NP-16	26/06/2002	2	.	0	.	0	NP-020265	get it
NP-16	25/06/2002	5	.	0	.	0		get it
NP-17	18/09/2002	5	.	1	.	0		get it
NP-18	07/01/2003	5	.	2	.	0		get it
NP-19	07/04/2003	5	.	3	.	0		get it
NP-20	27/06/2003	5	.	4	.	0		get it

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David Chalmers VODAFONE LTD
freeze_meeting: NP-15 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-14	11/01/2002	5	.	0	.	0		get it <i>remarks - general:</i> Additional rapporteur: Laura.Pomponi@CSELT.IT
NP-14 editorial	18/01/2002	5	.	0	.	1		get it <i>remarks - this release:</i> .
NP-15	28/03/2002	5	.	1	.	0		get it
NP-16	21/06/2002	5	.	2	.	0		get it
NP-17	18/09/2002	5	.	3	.	0		get it
NP-18	07/01/2003	5	.	4	.	0		get it
NP-19	04/04/2003	5	.	5	.	0		get it
NP-20	27/06/2003	5	.	6	.	0		get it

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

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TS 29.278	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> N2 / -		<i>rapporteur:</i> REMOQUILLO, Angelica	Lucent Technologies		
	<i>freeze_meeting:</i> NP-18			<i>G: yes U: yes</i>		<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version,</i>								
	N2-25	0 . 1 . 0						<i>remarks - general:</i>	NP-16 Existance hinted at in N2 report. Draft believed to have been seen at N2.
	NP-17 24/09/2002	2 . 0 . 0	NP-020349					<i>remarks - this release:</i>	TP-16: this spec unlikely to be freezable by NP-17. CAMEL phase 4.
	NP-17 17/09/2002	5 . 0 . 0						get it	
	NP-18 10/01/2003	5 . 1 . 0						get it	
	NP-19 25/03/2003	5 . 2 . 0						get it	

TS 29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents								
Rel-5	<i>current version:</i> 5.4.0			<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> BERRY, Nigel. H	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> NP-16			<i>G: yes U: yes</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>								
	NP-16 26/06/2002	2 . 0 . 0	NP-020277					<i>remarks - general:</i>	NP-21: Title changed to include Dh interface as well as Sh.
	NP-16 25/06/2002	5 . 0 . 0						<i>remarks - this release:</i>	.
	NP-17 18/09/2002	5 . 1 . 0						get it	
	NP-18 07/01/2003	5 . 2 . 0						get it	
	edito to replace	08/01/2003	5 . 2 . 1					get it	
	lost annex E post								
	NP-18								
	NP-19 07/04/2003	5 . 3 . 0						get it	
	attached XSD file	25/04/2003	5 . 3 . 1					get it	
	attached correct	29/04/2003	5 . 3 . 2	Says WG Secretary: nobody's perfect				get it	
	XSD file			- except Bo Derek					
	NP-20 27/06/2003	5 . 4 . 0						get it	

TS 29.329	Sh interface based on the Diameter protocol								
Rel-5	<i>current version:</i> 5.4.0			<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> BERRY, Nigel. H	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> NP-16			<i>G: yes U: yes</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>								
	NP-16 26/06/2002	2 . 0 . 1	NP-020266					<i>remarks - general:</i>	
	NP-16 25/06/2002	5 . 0 . 0						<i>remarks - this release:</i>	.
	NP-17 17/09/2002	5 . 1 . 0						get it	
	NP-18 07/01/2003	5 . 2 . 0						get it	
	NP-19 07/04/2003	5 . 3 . 0						get it	
	NP-20 27/06/2003	5 . 4 . 0						get it	

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

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

TS 29.414	Core network Nb data transport and transport signalling								
Rel-5	current version: 5.0.0		WG (prime / other): N3 / -	rapporteur: BELLING, Thomas	SIEMENS AG				
	freeze_meeting: NP-15		G: U: yes	MCC: BOSWARTHICK, David					
	history (event, available, version,								
	NP-15 20/03/2002	5 . 0 . 0							
			get it	remarks - general:					
				remarks - this release: .					
<hr/>									
TS 29.415	Core network Nb interface user plane protocols								
Rel-5	current version: 5.1.0		WG (prime / other): N3 / -	rapporteur: SANDERS, David	VODAFONE Group Plc				
	freeze_meeting: NP-15		G: U: yes	MCC: BOSWARTHICK, David					
	history (event, available, version,								
	NP-15 20/03/2002	5 . 0 . 0							
	NP-19 27/03/2003	5 . 1 . 0							
			get it	remarks - general:					
			get it	remarks - this release:					
<hr/>									
TR 29.903	Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)								
Rel-5	current version: 5.0.0		WG (prime / other): N4 /	rapporteur: YOUNG, Michael	MOTOROLA Ltd				
	freeze_meeting: NP-15		G: U: yes	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	NP-12 04/07/2001	0 . 0 . 1							2001-03
	N4-08	0 . 1 . 1							NP-010361
	N4-09	0 . 2 . 0							
	N4-10	0 . 3 . 0							
	N4-10	0 . 3 . 1							
	NP-14 02/01/2002	2 . 0 . 0							NP-010633
	NP-14 10/01/2002	5 . 0 . 0							
			get it	remarks - general:	Supersedes 29.203.				
			get it	remarks - this release:	NP-11:creation Supersedes 29.203				
<hr/>									
TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults								
Rel-5	current version: 5.0.1		WG (prime / other): N1 / RP	rapporteur: ANDERSEN, Niels	MOTOROLA A/S				
	freeze_meeting: SP-15		G: yes U: yes	MCC: Peter Skov					
	history (event, available, version,								
	NP-16 26/06/2002	5 . 0 . 0							
	edito post NP-18 16/12/2002	5 . 0 . 1							
			get it	remarks - general:	2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to				
			get it	remarks - this release:	. latest Release version.				
									minor editorials to change style from TS to TR.

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

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Server ACTIVE specs Rel-5 29 .- series
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TR 29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.
	<i>freeze_meeting:</i> NP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	NP-16 20/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>				
TR 29.998-04-	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.
	<i>freeze_meeting:</i> NP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	NP-16 20/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>				
TR 29.998-04-	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N5 / -	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.
	<i>freeze_meeting:</i> NP-16	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	draft 19/02/2002	0 . 2 . 1	get it	<i>remarks - general:</i> Evidence for existence unearthed in N5-020143.
	draft 22/04/2002	1 . 0 . 0	get it	<i>remarks - this release:</i> .Was originally Rel-6, but moved to Rel 5 NP-15.
	NP-16 31/05/2002	2 . 0 . 0	get it	
	NP-16 20/06/2002	5 . 0 . 0	get it	
				NP-020198 (RFC nos. to be
<hr/>				
TR 29.998-05-	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.
	<i>freeze_meeting:</i> NP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	NP-16 20/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>				
TR 29.998-05-	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.
	<i>freeze_meeting:</i> NP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	NP-16 20/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .

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TR 29.998-06 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP
Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 20/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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

TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP)
Rel-5 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-19 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-19 07/04/2003 5 . 0 . 1 Technically identical to 30.002 v5.0.0. [get it](#) *remarks - general:* NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG
remarks - this release: . 3.0x series.

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

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Server ACTIVE specs Rel-5 31 .- series
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TS 31.048	Test specification for security mechanisms for the (U)SIM application toolkit								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> TP-21 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> T3 / - G: yes U: yes		<i>rapporteur:</i> VIALLET, Sophie <i>MCC:</i> DIETZE, Claus		GEMPLUS Card International			
				<i>remarks - general:</i> Test spec for 23.048. <i>remarks - this release:</i>					
<hr/>									
TS 31.101	UICC-terminal interface; Physical and logical characteristics								
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> TP-17 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> T3 / SCP G: U: yes		<i>rapporteur:</i> VESTERGAARD, Peter <i>MCC:</i> DIETZE, Claus		NOKIA UK Ltd			
	TP-17 18/09/2002 5 . 0 . 0 TP-18 02/01/2003 5 . 1 . 0	get it get it		<i>remarks - general:</i> Contents is a reference to ETSI TR 102 221. <i>remarks - this release:</i> TP-17: upgraded to Rel-5 to fill gap between Releases 4 and 6.					
<hr/>									
TS 31.102	Characteristics of the USIM application								
Rel-5	<i>current version:</i> 5.5.0 <i>freeze_meeting:</i> TP-15 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> T3 / - G: U: yes		<i>rapporteur:</i> HEIM, Christian <i>MCC:</i> DIETZE, Claus		GIESECKE & DEVRIENT GmbH			
	TP-15 28/03/2002 5 . 0 . 0 TP-16 28/06/2002 5 . 1 . 0 TP-17 25/09/2002 5 . 2 . 0 TP-18 02/01/2003 5 . 3 . 0 TP-19 01/04/2003 5 . 4 . 0 TP-20 23/06/2003 5 . 5 . 0	get it get it get it get it get it		<i>remarks - general:</i> <i>remarks - this release:</i> .					
<hr/>									
TS 31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application								
Rel-5	<i>current version:</i> 5.4.0 <i>freeze_meeting:</i> TP-16 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> T3 / G: yes U: yes		<i>rapporteur:</i> N, A <i>MCC:</i> DIETZE, Claus		Indicate persons who left Company and wait for new One			
	TP-16 26/06/2002 1 . 0 . 0 TP-020124 TP-16 28/06/2002 5 . 0 . 0 TP-17 25/09/2002 5 . 1 . 0 TP-18 02/01/2003 5 . 2 . 0 TP-19 26/03/2003 5 . 3 . 0 TP-20 23/06/2003 5 . 4 . 0	get it get it get it get it get it		<i>remarks - general:</i> <i>remarks - this release:</i> .					

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TS 31.111	Universal Subscriber Identity Module Application Toolkit (USAT)								
Rel-5	<i>current version:</i> 5.4.0 <i>freeze_meeting:</i> TP-15			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian			Indicate persons who left Company and wait for new One	
				<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-15 28/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i> To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.				
	TP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .				
	TP-17 18/09/2002	5 . 2 . 0		get it					
	TP-18 02/01/2003	5 . 3 . 0		get it					
	TP-19 04/04/2003	5 . 4 . 0		get it					
<hr/>									
TS 31.112	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2								
Rel-5	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> TP-15			<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One	
				<i>G:</i> <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-11 09/04/2001	1 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-13 12/10/2001	2 . 0 . 0	TP-010207	get it	<i>remarks - this release:</i> started life as Rel-4 draft, but ran out of time so ended up Rel-5.				
	TP-13 12/10/2001	5 . 0 . 0		get it					
	TP-14 14/01/2002	5 . 1 . 0		get it					
	TP-16 19/06/2002	5 . 2 . 0		get it					
<hr/>									
TS 31.113	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes								
Rel-5	<i>current version:</i> 5.5.0 <i>freeze_meeting:</i> TP-15			<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One	
				<i>G:</i> <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-11 09/04/2001	1 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-13 12/10/2001	2 . 0 . 0	TP-010208	get it	<i>remarks - this release:</i> started life as Rel-4 draft, but ran out of time so ended up Rel-5.				
	TP-13 12/10/2001	5 . 0 . 0		get it					
	TP-14 14/01/2002	5 . 1 . 0		get it					
	TP-15 28/03/2002	5 . 2 . 0		get it					
	TP-16 19/06/2002	5 . 3 . 0		get it					
	TP-17 25/09/2002	5 . 4 . 0		get it					
	TP-19 26/03/2003	5 . 5 . 0		get it					

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TS 31.114 Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration

Rel-5 *current version:* 5.3.0 *WG (prime / other):* T3 / *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH
freeze_meeting: TP-15 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-14 02/01/2002 1 . 0 . 0 TP-010248 [get it](#) *remarks - general:*
TP-15 19/03/2002 1 . 5 . 1 TP-020030 [get it](#) *remarks - this release:*
TP-15 19/03/2002 2 . 0 . 0 TP-020077 [get it](#)
TP-15 28/03/2002 5 . 0 . 0 [get it](#)
TP-16 19/06/2002 5 . 1 . 0 [get it](#)
TP-17 25/09/2002 5 . 2 . 0 [get it](#)
TP-19 26/03/2003 5 . 3 . 0 [get it](#)

TS 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc
freeze_meeting: *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,
remarks - general: based on R99 core spec; split into 2 parts (this is 2)
remarks - this release: 2003-07-15 (Dietze): It is the intention that a Rel-5 be created - eventually.

TR 31.900 SIM/USIM internal and external interworking aspects

Rel-5 *current version:* 5.2.0 *WG (prime / other):* T3 / *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
TP-16 19/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
TP-19 26/03/2003 5 . 2 . 0 [get it](#)

Rel-5 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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TS 32.101	Telecommunication management; Principles and high level requirements						
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TRUSS, Michael		MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>						
	SP-15 26/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-17 18/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	SP-18 06/01/2003	5 . 2 . 0		get it			
	SP-19 31/03/2003	5 . 3 . 0		get it			
	SP-20 18/06/2003	5 . 4 . 0		get it			

TS 32.102	Telecommunication management; Architecture						
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> BERGGREN, Tommy		TeliaSonera AB	
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>						
	SP-15 26/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-17 18/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	SP-18 06/01/2003	5 . 2 . 0		get it			
	SP-19 31/03/2003	5 . 3 . 0		get it			

TS 32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements						
Rel-5	<i>current version:</i> 5.1.1		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg		MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>						
	SP-15 26/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i> TSG#8: split into 4 parts		
	SP-17 18/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	edito (layout and references)	07/01/2003 5 . 1 . 1		get it			

TS 32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service						
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg		MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>						
	SP-15 26/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i> TSG#8: split into 4 parts		
	SP-17 20/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	SP-18 09/01/2003	5 . 2 . 0		get it			
	SP-19 31/03/2003	5 . 3 . 0		get it			
	SP-20 27/06/2003	5 . 4 . 0		get it			

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-15	26/03/2002	5	.	0	.	0
SP-17	08/10/2002	5	.	1	.	0
SP-18	09/01/2003	5	.	2	.	0
SP-19	01/04/2003	5	.	3	.	0
SP-20	27/06/2003	5	.	4	.	0

[get it](#) *remarks - general:* TSG#8: split into 4 parts
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)

TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-15	26/03/2002	5	.	0	.	0
SP-16	20/06/2002	5	.	1	.	0
SP-17	20/09/2002	5	.	2	.	0
SP-18	09/01/2003	5	.	3	.	0
SP-19	01/04/2003	5	.	4	.	0
SP-20	27/06/2003	5	.	5	.	0

[get it](#) *remarks - general:* TSG#8: split into 4 parts
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-15	26/03/2002	5	.	0	.	0
SP-16	20/06/2002	5	.	1	.	0
SP-18	06/01/2003	5	.	2	.	0
SP-19	02/04/2003	5	.	3	.	0
SP-20	27/06/2003	5	.	4	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
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TS 32.205	Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ALEXANDER, Benni	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-15 27/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-16 20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	SP-18 09/01/2003	5 . 2 . 0	get it			
	SP-19 02/04/2003	5 . 3 . 0	get it			
	SP-20 27/06/2003	5 . 4 . 0	get it			
<hr/>						
TS 32.215	Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ALEXANDER, Benni	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-15 27/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-16 20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	SP-18 09/01/2003	5 . 2 . 0	get it			
	SP-19 02/04/2003	5 . 3 . 0	get it			
	SP-20 09/06/2003	5 . 4 . 0	get it			
<hr/>						
TS 32.225	Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TEPPO, Patrik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-15 19/03/2002	1 . 0 . 0	SP-020033	get it	<i>remarks - general:</i>	
	SP-16 17/06/2002	1 . 5 . 0	SP-020327	get it	<i>remarks - this release:</i> .	
	draft 19/07/2002	1 . 7 . 0		get it		
	SP-17 16/09/2002	2 . 0 . 0	SP-020453	get it		
	SP-17 18/09/2002	5 . 0 . 0	"Support of Diameter is mandatory."	get it		
	SP-18 06/01/2003	5 . 1 . 0		get it		
	SP-19 02/04/2003	5 . 2 . 0		get it		
	SP-20 27/06/2003	5 . 3 . 0		get it		

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TS 32.235	Telecommunication management; Charging management; Charging data description for application services					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG		
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-17 18/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-18 07/01/2003	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	SP-19 02/04/2003	5 . 2 . 0	get it			
	SP-20 27/06/2003	5 . 3 . 0	get it			
<hr/>						
TS 32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-17 18/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106-8 (pars)		
	edito post SP-18 13/01/2003	5 . 0 . 1	get it	<i>remarks - this release:</i> .		
<hr/>						
TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-15 26/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-1		
	edito post SP-18 13/01/2003	5 . 0 . 1	get it	<i>remarks - this release:</i> .		
<hr/>						
TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-14 11/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-2		
	edito 26/03/2002	5 . 0 . 1	get it	<i>remarks - this release:</i> .		
	edito post SP-18 13/01/2003	5 . 0 . 2	get it			
	SP-20 27/06/2003	5 . 1 . 0	get it			

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TS 32.303 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.301-3
SP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
edito post SP-17 01/10/2002 5 . 1 . 1 [get it](#)
edito post SP-18 13/01/2003 5 . 1 . 2 [get it](#)
SP-19 31/03/2003 5 . 2 . 0 [get it](#)

TS 32.304 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution

Rel-5 *current version:* 5.2.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.301-4
SP-15 26/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-16 20/06/2002 5 . 2 . 0 [get it](#)
edito post SP-18 13/01/2003 5 . 2 . 1 [get it](#)

TS 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements

Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.112-1
edito post SP-18 13/01/2003 5 . 0 . 1 [get it](#) *remarks - this release:* .

TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information service

Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.112-2
edito post SP-18 13/01/2003 5 . 0 . 1 [get it](#) *remarks - this release:* .

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TS 32.321	Telecommunication management; Test management Integration Reference Point (IRP): Requirements									
Rel-5	<i>current version:</i> 5.0.1				<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-15				<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>									
	SP-16 17/06/2002	1	.	0	.	0	SP-020328	get it	<i>remarks - general:</i>	
	SP-17 06/09/2002	2	.	0	.	0	SP-020456	get it	<i>remarks - this release: .</i>	
	SP-17 18/09/2002	5	.	0	.	0		get it		
	edito post SP-18 13/01/2003	5	.	0	.	1		get it		
<hr/>										
TS 32.322	Telecommunication management; Test management Integration Reference Point (IRP): Information service									
Rel-5	<i>current version:</i> 5.0.1				<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-17				<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>									
	SP-16 17/06/2002	1	.	0	.	0	SP-020328	get it	<i>remarks - general:</i>	
	SP-17 16/09/2002	2	.	0	.	0	SP-020457	get it	<i>remarks - this release: .</i>	
	SP-17 18/09/2002	5	.	0	.	0		get it		
	edito post SP-18 13/01/2003	5	.	0	.	1		get it		
<hr/>										
TS 32.323	Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set									
Rel-5	<i>current version:</i> 5.0.1				<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-17				<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>									
	SP-16 17/06/2002	1	.	0	.	0	SP-020328	get it	<i>remarks - general:</i>	
	SP-17 16/09/2002	2	.	0	.	0	SP-020458	get it	<i>remarks - this release: .</i>	
	SP-17 18/09/2002	5	.	0	.	0		get it		
	edito post SP-18 13/01/2003	5	.	0	.	1		get it		
<hr/>										
TS 32.324	Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set									
Rel-5	<i>current version:</i> 5.0.1				<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-17				<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>									
	SP-16 17/06/2002	1	.	0	.	0		get it	<i>remarks - general:</i>	
	SP-17 16/09/2002	2	.	0	.	0	SP-020459	get it	<i>remarks - this release: .</i>	
	SP-17 18/09/2002	5	.	0	.	0		get it		
	edito post SP-18 13/01/2003	5	.	0	.	1		get it		

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TS 32.401	Telecommunication management; Performance Management (PM); Concept and requirements					
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-15			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
	SP-15 26/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.104 (pars)	
	SP-17 18/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .	
	SP-20 27/06/2003	5 . 2 . 0		get it		
TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM					
Rel-5	<i>current version:</i> 5.3.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-15			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
	SP-16 20/06/2002	5 . 0 . 0	WARNING: approved CRs 004, 005 & 006 accidentally not implemented!! (But these CRs later withdrawn.)	get it	<i>remarks - general:</i> was 32.104 (pars)	
	SP-17 19/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .	
	SP-19 31/03/2003	5 . 2 . 0		get it		
	SP-20 27/06/2003	5 . 3 . 0		get it		
TS 32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements					
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-17			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
	SP-17 20/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Replaces 32.106 (pars).	
	edito 18/06/2003	5 . 0 . 1	Title aligned with the 3GPP Database	get it	<i>remarks - this release:</i> .	
TS 32.601	Telecommunication management; Configuration Management (CM); Basic Configuration Management (CM) Integration Reference Point (IRP): requirements					
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-17			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
	SP-17 23/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.601-1	
	edito 18/06/2003	5 . 0 . 1	Title aligned with the 3GPP Database	get it	<i>remarks - this release:</i> .	

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TS 32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information service										
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson							
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian								
	<i>history (event, available, version,</i>										
	SP-17 27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.601-2						
	SP-19 31/03/2003	5 . 1 . 0	get it	<i>remarks - this release:</i>	.						
<hr/>											
TS 32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution										
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated							
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian								
	<i>history (event, available, version,</i>										
	SP-17 27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.601-3						
	SP-19 31/03/2003	5 . 1 . 0	get it	<i>remarks - this release:</i>	.						
	SP-20 27/06/2003	5 . 2 . 0	get it								
<hr/>											
TS 32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set										
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG							
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian								
	<i>history (event, available, version,</i>										
	SP-18 08/01/2003	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.601-4						
				<i>remarks - this release:</i>	.						
<hr/>											
TS 32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements										
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND							
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian								
	<i>history (event, available, version,</i>										
	SP-16 21/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.602-1						
	SP-17 27/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.						
<hr/>											
TS 32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information service										
Rel-5	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd							
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian								
	<i>history (event, available, version,</i>										
	SP-17 27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.602-2						
	SP-18 07/01/2003	5 . 1 . 0	get it	<i>remarks - this release:</i>	.						
	edito 31/03/2003	5 . 1 . 1	get it								

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TS 32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-17 27/09/2002 5 . 0 . 0	get it <i>remarks - general:</i> was 32.602-3
SP-19 31/03/2003 5 . 1 . 0	get it <i>remarks - this release:</i> .

TS 32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-18 07/01/2003 5 . 0 . 0	get it <i>remarks - general:</i> was 32.602-4
	<i>remarks - this release:</i> .

TS 32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> SP-16
	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> BONNEAU, Frédéric NORTEL NETWORKS (EUROPE) <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-16 21/06/2002 5 . 0 . 0	get it <i>remarks - general:</i> was 32.602-5
edito after SP-17 18/09/2002 5 . 0 . 1	get it <i>remarks - this release:</i> .
SP-20 27/06/2003 5 . 1 . 0	get it

TS 32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd <i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-17 27/09/2002 5 . 0 . 0	get it <i>remarks - general:</i> was 32.620-1
	<i>remarks - this release:</i> .

TS 32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson <i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-17 27/09/2002 5 . 0 . 0	get it <i>remarks - general:</i> was 32.620-2
SP-20 27/06/2003 5 . 1 . 0	get it <i>remarks - this release:</i> .

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TS 32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture								
Rel-5	<i>current version:</i> (CORBA) solution set	5.1.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	PIRT, Trevor		
MOTOROLA Ltd									
	<i>freeze_meeting:</i> SP-17		G: yes	U: yes		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-17 27/09/2002	5 . 0 . 0				get it	<i>remarks - general:</i>	was 32.620-3	
	SP-19 01/04/2003	5 . 1 . 0				get it	<i>remarks - this release:</i>	.	
TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol								
Rel-5	<i>current version:</i> (CMIP) solution set	5.0.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
SIEMENS AG									
	<i>freeze_meeting:</i> SP-17		G: yes	U: yes		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-17 27/09/2002	5 . 0 . 0				get it	<i>remarks - general:</i>	was 32.620-4	
							<i>remarks - this release:</i>	.	
TS 32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file								
Rel-5	<i>current version:</i> format definition	5.1.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	BONNEAU, Frédéric		
NORTEL NETWORKS (EUROPE)									
	<i>freeze_meeting:</i> SP-15		G: yes	U: yes		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-16 17/06/2002	1 . 0 . 0				get it	<i>remarks - general:</i>	SP-020298 pars	
	SP-17 06/09/2002	2 . 0 . 0				get it	<i>remarks - this release:</i>	.	
	SP-17 18/09/2002	5 . 0 . 0				get it		SP-020460	
	SP-20 27/06/2003	5 . 1 . 0				get it			
TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	PIRT, Trevor		
MOTOROLA Ltd									
	<i>freeze_meeting:</i> SP-16		G:	U: yes		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002	5 . 0 . 0				get it	<i>remarks - general:</i>	was 32.621-1	
							<i>remarks - this release:</i>	.	

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

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TS 32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-5	<i>current version:</i> 5.3.0	WG (prime / other):	S5 / -	<i>rapporteur:</i>	PAL, Tapinder	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-17	G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-17 23/09/2002	5	. 0	. 0	get it	<i>remarks - general:</i>	was 32.621-2		
	SP-18 07/01/2003	5	. 1	. 0	get it	<i>remarks - this release:</i>	.		
	SP-19 01/04/2003	5	. 2	. 0	get it				
	SP-20 27/06/2003	5	. 3	. 0	get it				
TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture								
Rel-5	<i>current version:</i> (CORBA) solution set	5.1.0	WG (prime / other):	S5	/-	<i>rapporteur:</i>	PAL, Tapinder	T-	
MOBILE DEUTSCHLAND									
	<i>freeze_meeting:</i> SP-17	G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-17 27/09/2002	5	. 0	. 0	get it	<i>remarks - general:</i>	was 32.621-3		
	SP-18 07/01/2003	5	. 1	. 0	get it	<i>remarks - this release:</i>	.		
TS 32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)								
Rel-5	<i>current version:</i> solution set	5.0.0	WG (prime / other):	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
SIEMENS AG									
	<i>freeze_meeting:</i> SP-17	G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-18 08/01/2003	5	. 0	. 0	get it	<i>remarks - general:</i>	was 32.621-4		
						<i>remarks - this release:</i>	.		
TS 32.635	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file								
Rel-5	<i>current version:</i> format definition	5.1.0	WG (prime / other):	S5	/-	<i>rapporteur:</i>	BONNEAU, Frédéric		
NORTEL NETWORKS (EUROPE)									
	<i>freeze_meeting:</i> SP-16	G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-16 17/06/2002	1	. 0	. 0	get it	<i>remarks - general:</i>	RP-15: existence gleaned from S5 report.		
	SP-17 16/09/2002	2	. 0	. 0	get it	<i>remarks - this release:</i>	.		
	SP-17 18/09/2002	5	. 0	. 0	get it				
	SP-20 27/06/2003	5	. 1	. 0	get it				

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

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TS 32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-17 <i>history (event, available, version,</i> SP-17 27/09/2002 5 . 0 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> was 32.622-1 <i>remarks - this release:</i> .
<hr/>	
TS 32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> SP-17 <i>history (event, available, version,</i> SP-17 27/09/2002 5 . 0 . 0 SP-18 07/01/2003 5 . 1 . 0 edito post SP-18 09/01/2003 5 . 1 . 1 to accept all rev marks SP-20 26/06/2003 5 . 2 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PETERSEN, Robert Ericsson AB <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> was 32.622-2 get it <i>remarks - this release:</i> . get it
	get it
<hr/>	
TS 32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture
Rel-5	<i>current version:</i> (CORBA) solution set 5.1.0 <i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> RAYMER, David Motorola Inc.
	<i>freeze_meeting:</i> SP-17 <i>history (event, available, version,</i> SP-17 27/09/2002 5 . 0 . 0 SP-20 27/06/2003 5 . 1 . 0
	<i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> was 32.622-3 get it <i>remarks - this release:</i> .
<hr/>	
TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol
Rel-5	<i>current version:</i> (CMIP) solution set 5.1.0 <i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG
	<i>freeze_meeting:</i> SP-17 <i>history (event, available, version,</i> SP-18 08/01/2003 5 . 0 . 0 SP-20 26/06/2003 5 . 1 . 0
	<i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> was 32.622-4 get it <i>remarks - this release:</i> .

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

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TS 32.645 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file
Rel-5 *current version: format definition* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric
NORTEL NETWORKS (EUROPE)

freeze_meeting: SP-16 G: U: yes MCC: ZOICAS, Adrian
history (event, available, version,
SP-16 17/06/2002 1 . 0 . 0 SP-020298 pars [get it](#) *remarks - general:*
SP-17 16/09/2002 2 . 0 . 0 SP-020462 [get it](#) *remarks - this release: .*
SP-17 18/09/2002 5 . 0 . 0 [get it](#)
SP-20 27/06/2003 5 . 1 . 0 [get it](#)

TS 32.651 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-17 G: yes U: MCC: ZOICAS, Adrian

history (event, available, version,
SP-17 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.623-1
remarks - this release: .

TS 32.652 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / - *rapporteur:* PETERSEN, Robert Ericsson AB
freeze_meeting: SP-17 G: yes U: MCC: ZOICAS, Adrian
history (event, available, version,
SP-17 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.623-2
edito post SP-18 09/01/2003 5 . 0 . 1 [get it](#) *remarks - this release: .*
SP-20 26/06/2003 5 . 1 . 0 [get it](#)

TS 32.653 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture
Rel-5 *current version: (CORBA) solution set* 5.1.0 *WG (prime / other):* S5 / - *rapporteur:* RAYMER, David
Motorola Inc.

freeze_meeting: SP-17 G: yes U: MCC: ZOICAS, Adrian
history (event, available, version,
SP-17 08/10/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.623-3
edito post SP-18 09/01/2003 5 . 0 . 1 [get it](#) *remarks - this release: .*
SP-20 27/06/2003 5 . 1 . 0 [get it](#)

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

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol								
Rel-5	<i>current version:</i> (CMIP) solution set	5.1.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
	SIEMENS AG								
	<i>freeze_meeting:</i> SP-17		G: yes	U:		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-18 08/01/2003	5 . 0 . 0						get it	<i>remarks - general:</i> was 32.623-4
	SP-20 27/06/2003	5 . 1 . 0						get it	<i>remarks - this release:</i> .
TS 32.655	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file								
Rel-5	<i>current version:</i> format definition	5.1.0	<i>WG (prime / other):</i>	S5	/	<i>rapporteur:</i>	BONNEAU, Frédéric		
	NORTEL NETWORKS (EUROPE)								
	<i>freeze_meeting:</i> SP-16		G: yes	U: yes		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-16 17/06/2002	1 . 0 . 0						get it	<i>remarks - general:</i>
	SP-17 16/09/2002	2 . 0 . 0						get it	<i>remarks - this release:</i>
	SP-17 18/09/2002	5 . 0 . 0						get it	
	SP-20 27/06/2003	5 . 1 . 0						get it	
TS 32.661	Telecommunication management; Configuration Management (CM); Kernel CM requirements								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i>	S5 /		<i>rapporteur:</i>	TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-17		G:	U: yes		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	draft 31/01/2002	0 . 1 . 0						get it	<i>remarks - general:</i>
	SP-15 19/03/2002	1 . 0 . 0						get it	<i>remarks - this release:</i> .
	SP-17 16/09/2002	2 . 0 . 0						get it	
	SP-17 18/09/2002	5 . 0 . 0						get it	
	SP-18 07/01/2003	5 . 1 . 0						get it	
TS 32.662	Telecommunication management; Configuration Management (CM); Kernel CM information service								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i>	S5 /		<i>rapporteur:</i>	TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-18		G:	U: yes		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	draft 31/01/2002	0 . 1 . 0						get it	<i>remarks - general:</i>
	SP-15 19/03/2002	1 . 0 . 0						get it	<i>remarks - this release:</i> .
	SP-17 16/09/2002	2 . 0 . 0						get it	
	SP-17 18/09/2002	5 . 0 . 0						get it	

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

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.663 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-17 16/09/2002 1 . 0 . 0 SP-020466 [get it](#) *remarks - general:*
SP-17 18/09/2002 5 . 0 . 0 [get it](#) *remarks - this release:* SP-15: will not exist in Rel-5. SP-17 Oh yes it will!
SP-19 03/04/2003 5 . 1 . 0 [get it](#)

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-18 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-17 16/09/2002 1 . 0 . 0 SP-020467 [get it](#) *remarks - general:*
SP-18 07/01/2003 2 . 0 . 0 SP-020743 [get it](#) *remarks - this release:* SP-15: will not exist in Rel-5. SP-17: Yes it will!
SP-18 07/01/2003 5 . 0 . 0 [get it](#)

TS 32.671 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
draft 17/01/2002 0 . 1 . 2 [get it](#) *remarks - general:*
SP-16 17/06/2002 1 . 0 . 0 SP-020329 pars [get it](#) *remarks - this release:* .
SP-17 19/07/2002 2 . 0 . 0 SP-020468 [get it](#)
SP-17 18/09/2002 5 . 0 . 0 [get it](#)

TS 32.672 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information service

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
draft 19/07/2002 0 . 0 . 0 [get it](#) *remarks - general:*
draft 17/01/2002 0 . 1 . 1 [get it](#) *remarks - this release:* .
SP-16 17/06/2002 1 . 0 . 0 SP-020329 pars [get it](#)
SP-17 16/09/2002 2 . 0 . 0 SP-020469 [get it](#)
SP-17 18/09/2002 5 . 0 . 0 [get it](#)

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

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)
Rel-5	<i>current version:</i> solution set 5.1.0 <i>WG (prime / other):</i> S5 /- <i>rporteur:</i> RAYMER, David
Motorola Inc.	
	<i>freeze_meeting:</i> SP-15 G: U: yes MCC: ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-17 16/09/2002 1 . 0 . 0	SP-020470 get it <i>remarks - general:</i>
SP-17 18/09/2002 5 . 0 . 0	get it <i>remarks - this release:</i> .
SP-19 01/04/2003 5 . 1 . 0	get it

TS 32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP)
Rel-5	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> S5 /- <i>rporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG
	<i>freeze_meeting:</i> SP-15 G: U: yes MCC: ZOICAS, Adrian
<i>history (event, available, version,</i>	
draft 17/01/2002 0 . 1 . 0	get it <i>remarks - general:</i>
draft 19/07/2002 1 . 0 . 0	get it <i>remarks - this release:</i> .
SP-17 16/09/2002 2 . 0 . 0	SP-020471 get it
SP-17 18/09/2002 5 . 0 . 0	get it

TS 32.691	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements
Rel-5	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> S5 / <i>rporteur:</i> PAL, Tapinder T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17 G: yes U: yes MCC: ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-17 30/08/2002 1 . 0 . 0	SP-020472 get it <i>remarks - general:</i>
SP-17 18/09/2002 5 . 0 . 0	get it <i>remarks - this release:</i> .

TS 32.692	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> S5 / <i>rporteur:</i> PAL, Tapinder T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17 G: yes U: yes MCC: ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-17 30/08/2002 1 . 0 . 0	SP-020473 get it <i>remarks - general:</i>
SP-17 18/09/2002 5 . 0 . 0	get it <i>remarks - this release:</i> .

TR 32.800	Telecommunication management; Management level procedures and interaction with UTRAN
Rel-5	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> S5 / <i>rporteur:</i> BODEN, Bert Vodafone D2 GmbH
	<i>freeze_meeting:</i> SP-15 G: U: yes MCC: ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-15 26/03/2002 5 . 0 . 0	get it <i>remarks - general:</i>
	<i>remarks - this release:</i> .

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

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TR 32.802 Telecommunication management; User Equipment Management (UEM) feasibility study

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* MUDGE, John VODAFONE Group Plc
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-13 01/10/2001 0 . 0 . 2 TP-010213 (!) [get it](#) *remarks - general:*
SP-14 02/01/2002 1 . 0 . 0 SP-010652 (also TP-010283) [get it](#) *remarks - this release:* .
draft 28/01/2002 1 . 0 . 1 [get it](#)
draft 31/01/2002 1 . 0 . 2 [get it](#)
SP-15 19/03/2002 1 . 0 . 4 SP-020011 [get it](#)
SP-16 17/06/2002 2 . 0 . 0 SP-020331 [get it](#)
SP-16 20/06/2002 5 . 0 . 0 [get it](#)
SP-17 18/09/2002 5 . 1 . 0 [get it](#)

Rel-5 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.102 3G security; Security architecture

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc SIEMENS ATEA NV
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* POPE, Maurice

history (event, available, version,
SP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
SP-18 18/12/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-20 18/06/2003 5 . 2 . 0 [get it](#)

TS 33.106 Lawful interception requirements

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S3 / - *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* POPE, Maurice

history (event, available, version,
SP-11 04/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*
SP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:*

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

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TS 33.107 3G security; Lawful interception architecture and functions

Rel-5 *current version:* 5.5.0 *freeze_meeting:* SP-15
history (event, available, version,
 SP-12 04/07/2001 5 . 0 . 0 [get it](#) *remarks - general:*
 SP-14 07/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
 SP-15 26/03/2002 5 . 2 . 0 [get it](#)
 edito post SP-15 15/04/2002 5 . 2 . 1 Corrects change history. [get it](#)
 SP-16 19/06/2002 5 . 3 . 0 [get it](#)
 SP-17 18/09/2002 5 . 4 . 0 [get it](#)
 SP-18 18/12/2002 5 . 5 . 0 [get it](#)

WG (prime / other): S3 / - *rapporteur:* WILHELM, Berthold
G: U: yes *MCC:* POPE, Maurice BUNDESMINISTERIUM FUR WIRTSCHAFT

TS 33.108 3G security; Handover interface for Lawful Interception (LI)

Rel-5 *current version:* 5.4.0 *freeze_meeting:* SP-16
history (event, available, version,
 SP-15 19/03/2002 1 . 0 . 0 SP-020118 [get it](#) *remarks - general:* 2001-12-04 Title changed from "Lawful Interception; Interface between core
 SP-16 2 . 0 . 0 SP-020357 [get it](#) *remarks - this release:* . network and law agency equipment" (Berthold.Wilhelm@RegTP.de).
 SP-16 19/06/2002 5 . 0 . 0 [get it](#)
 SP-17 23/09/2002 5 . 1 . 0 [get it](#)
 SP-18 18/12/2002 5 . 2 . 0 [get it](#)
 SP-19 24/03/2003 5 . 3 . 0 [get it](#)
 SP-20 18/06/2003 5 . 4 . 0 [get it](#)

WG (prime / other): S3 / *rapporteur:* WILHELM, Berthold
G: U: yes *MCC:* POPE, Maurice BUNDESMINISTERIUM FUR WIRTSCHAFT

TS 33.200 3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security

Rel-5 *current version:* 5.1.0 *freeze_meeting:* SP-15
history (event, available, version,
 SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* 2001-05-24: title grows MAP; see 33.210 for IP equivalent.
 SP-18 18/12/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

TS 33.201 Access domain security

Rel-5 *current version:* none *freeze_meeting:* SP-15
history (event, available, version,

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

remarks - general:
remarks - this release: .

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

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Server ACTIVE specs Rel-5 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.203	3G security; Access security for IP-based services								
Rel-5	current version: 5.6.0 freeze_meeting: SP-15		WG (prime / other): S3 /		rapporteur: BOMAN, Krister		Telefon AB LM Ericsson		
	history (event, available, version,		G: yes U: yes		MCC: POPE, Maurice				
	SP-13 03/10/2001 0 . 4 . 0	anticipate v2.0.0 at SP-15		get it	remarks - general:				
	SP-14 02/01/2002 1 . 0 . 0	SP-010624		get it	remarks - this release:				
	SP-15 19/03/2002 2 . 0 . 0	SP-020116		get it					
	SP-15 26/03/2002 5 . 0 . 0	But CR at SP-15 to correct reference to SIP.		get it					
	SP-15 26/03/2002 5 . 1 . 0			get it					
	SP-16 19/06/2002 5 . 2 . 0			get it					
	SP-17 18/09/2002 5 . 3 . 0			get it					
	SP-18 18/12/2002 5 . 4 . 0			get it					
	SP-19 24/03/2003 5 . 5 . 0	There are two annexes J; this will be corrected after SP-20.		get it					
	SP-20 18/06/2003 5 . 6 . 0			get it					
TS 33.210	3G security; Network Domain Security (NDS); IP network layer security								
Rel-5	current version: 5.4.0 freeze_meeting: SP-15		WG (prime / other): S3 / -		rapporteur: KOIEN, Geir		Telenor AS		
	history (event, available, version,		G: yes U: yes		MCC: POPE, Maurice				
	SP-14 02/01/2002 1 . 0 . 0	SP-010623		get it	remarks - general: 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).				
	SP-15 19/03/2002 2 . 0 . 0	SP-020117		get it	remarks - this release:				
	SP-15 26/03/2002 5 . 0 . 0			get it					
	SP-16 19/06/2002 5 . 1 . 0			get it					
	SP-18 18/12/2002 5 . 2 . 0			get it					
	SP-19 24/03/2003 5 . 3 . 0			get it					
	SP-20 18/06/2003 5 . 4 . 0			get it					
TR 33.900	Guide to 3G security								
Rel-5	current version: 0.4.1 freeze_meeting: SP-15	DRAFT	WG (prime / other): S3 / -		rapporteur: BROOKSON, Charles		DTI - Department of Trade and Industry		
	history (event, available, version, draft		G: U: yes		MCC: POPE, Maurice				
	0 . 4 . 1	v number seems to have restarted. Not uploaded for fear of confusion.			remarks - general:				
					remarks - this release: .				

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

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Server ACTIVE specs Rel-5 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.903 Access Security for IP based services

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version,

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

remarks - general:
remarks - this release: .

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

TS 34.109 Terminal logical test interface; Special conformance testing functions

Rel-5 *current version:* 5.3.0
freeze_meeting: RP-15
history (event, available, version,

WG (prime / other): R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
G: *U:* yes *MCC:* ARZELIER, Claude

RP-15 19/03/2002 5 . 0 . 0
RP-16 17/06/2002 5 . 1 . 0
RP-18 13/01/2003 5 . 2 . 0
RP-19 25/03/2003 5 . 3 . 0

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

TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-5 *current version:* 5.0.0
freeze_meeting:
history (event, available, version,
TP-20 17/06/2003 5 . 0 . 0

WG (prime / other): T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
G: *U:* yes *MCC:* SULTAN, Alain

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

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

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Server ACTIVE specs Rel-5 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: TP-16 *G:* *U:* yes *MCC:* SULTAN, Alain

history (event, available, version,
TP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
corrects page 24/06/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .
headers
TP-17 10/09/2002 5 . 1 . 0 [get it](#)
edito post TP-17 20/09/2002 5 . 1 . 1 There were two annexes C ! [get it](#)
TP-18 18/12/2002 5 . 2 . 0 [get it](#)
TP-19 24/03/2003 5 . 3 . 0 [get it](#)
TP-20 17/06/2003 5 . 4 . 0 [get it](#)

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: TP-16 *G:* *U:* yes *MCC:* SULTAN, Alain

history (event, available, version,
TP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
TP-17 10/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
TP-18 18/12/2002 5 . 2 . 0 [get it](#)
TP-19 24/03/2003 5 . 3 . 0 [get it](#)
TP-20 17/06/2003 5 . 4 . 0 [get it](#)

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-15 03/04/2002 5 . 0 . 0 [get it](#) *remarks - general:* T1->R4@TSG#10
RP-17 02/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-18 10/01/2003 5 . 2 . 0 [get it](#)
RP-19 04/04/2003 5 . 3 . 0 [get it](#)

TR 34.926 Table of international EMC requirements

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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

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

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Server ACTIVE specs Rel-5 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

Rel-5 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002 5 . 0 . 0								
		get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence						
			<i>remarks - this release:</i> .						
<hr/>									
TS 35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002 5 . 0 . 0								
		get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence						
			<i>remarks - this release:</i> .						
<hr/>									
TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002 5 . 0 . 0								
		get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence						
			<i>remarks - this release:</i> .						
<hr/>									
TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002 5 . 0 . 0								
		get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence						
			<i>remarks - this release:</i> .						

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

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Server ACTIVE specs Rel-5 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5	current version: Document 1: General	5.0.0	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-15			G:	U: yes		MCC:	POPE, Maurice	
	history (event, available, version,								
	SP-16 24/06/2002 5 . 0 . 0			get it	remarks - general: ex SAGE. 2002-06: clarified that deliverable is TS not TR.		remarks - this release: .		
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5	current version: Document 2: Algorithm specification	5.1.0	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-15			G:	U: yes		MCC:	POPE, Maurice	
	history (event, available, version,								
	SP-16 24/06/2002 5 . 0 . 0			get it	remarks - general: ex SAGE		remarks - this release: .		
	SP-20 18/06/2003 5 . 1 . 0			get it	remarks - this release: .				
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5	current version: Document 3: Implementors' test data	5.0.0	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-15			G:	U: yes		MCC:	POPE, Maurice	
	history (event, available, version,								
	SP-16 24/06/2002 5 . 0 . 0			get it	remarks - general: ex SAGE		remarks - this release: .		
TS 35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5	current version: Document 4: Design conformance test data	5.0.0	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-15			G:	U: yes		MCC:	POPE, Maurice	
	history (event, available, version,								
	SP-16 24/06/2002 5 . 0 . 0			get it	remarks - general: ex SAGE		remarks - this release: .		
TS 35.909	3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5	current version: Document 5: Summary and results of design and evaluation	5.0.0	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-15			G:	U: yes		MCC:	POPE, Maurice	
	history (event, available, version,								
	SP-16 24/06/2002 5 . 0 . 0			get it	remarks - general: ex SAGE		remarks - this release: .		

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

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Server ACTIVE specs Rel-5 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

Rel-5 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>						
SP-16 24/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TR 41.033	Lawful Interception requirements for GSM					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>						
SP-16 24/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 41.101	Technical Specifications and Technical Reports for a GERAN-based 3GPP system					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> SP /	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-20	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>						
SP-20 25/06/2003 5 . 4 . 0	Created from 41.103 v5.4.0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

Rel-5 **42** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

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

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

TS 42.019	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A					
	<i>freeze_meeting:</i> TP-15	G: yes U:	<i>MCC:</i> DIETZE, Claus						
	<i>history (event, available, version,</i>								
	TP-12 06/07/2001 5 . 0 . 0	get it	<i>remarks - general:</i> TP-17: From Rel-6, transferred to ETSI TS 102 240.						
			<i>remarks - this release:</i> .						
<hr/>									
TS 42.033	Lawful Interception; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH					
	<i>freeze_meeting:</i> SP-15	G: yes U:	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
<hr/>									
TS 42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Was 22.043 at Rel99.						
			<i>remarks - this release:</i> .						
<hr/>									
TS 42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.					
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
<hr/>									
TS 42.068	Voice Group Call Service (VGCS); Stage 1								
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer					
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
	correct title line 22/10/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .						

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

TS 42.069 Voice Broadcast Service (VBS); Stage 1

Rel-5 *current version:* 5.0.1
freeze_meeting: SP-16

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

Union Internationale des Chemins de Fer

history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0
post SP-16 edito 29/07/2002 5 . 0 . 1
to history box

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

Rel-5 **43** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.005 Technical performance objectives

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15

WG (prime / other): NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

history (event, available, version,
NP-16 04/07/2002 5 . 0 . 0

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

TS 43.010 GSM Public Land Mobile Network (PLMN) connection types

Rel-5 *current version:* 5.2.0
freeze_meeting: NP-15

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

history (event, available, version,
NP-15 20/03/2002 5 . 0 . 0
NP-17 17/09/2002 5 . 1 . 0
NP-18 06/01/2003 5 . 2 . 0

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

TS 43.013 Discontinuous Reception (DRX) in the GSM system

Rel-5 *current version:* 5.0.0
freeze_meeting: GP-10

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0

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

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

3GPP specification status

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

TS 43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2								
Rel-5	<i>current version:</i> 5.6.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A			
	<i>freeze_meeting:</i> TP-15			G: yes U:	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-12 12/11/2001	5	.	0	.	0	get it	<i>remarks - general:</i> For test spec, see 51.013.	
	fix annexed library 21/11/2001	5	.	0	.	1	get it	<i>remarks - this release:</i> .	
	file								
	TP-14 17/01/2002	5	.	1	.	0	get it		
	TP-15 02/04/2002	5	.	2	.	0	get it		
	TP-16 25/06/2002	5	.	3	.	0	get it		
	TP-17 27/09/2002	5	.	4	.	0	get it		
	TP-18 08/01/2003	5	.	5	.	0	get it		
	TP-19 26/03/2003	5	.	6	.	0	get it		
<hr/>									
TS 43.020	Security-related network functions								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> GILBERT, Henri	France Telecom			
	<i>freeze_meeting:</i> SP-16			G: yes U:	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5	.	0	.	0	get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	
<hr/>									
TS 43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd			
	<i>freeze_meeting:</i> GP-10			G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	GP-10 19/07/2002	5	.	0	.	0	get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000.	
	GP-11 19/09/2002	5	.	1	.	0	get it	<i>remarks - this release:</i> .	
<hr/>									
TR 43.026	Multiband operation of GSM / DCS 1800 by a single operator								
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i> GP-10			G: yes U:	Peter Skov				
	<i>history (event, available, version,</i>				<i>MCC:</i> USAI, Paolino				
	GP-10 19/07/2002	5	.	0	.	0	get it	<i>remarks - general:</i>	
	re-issue as TR 31/07/2002	5	.	0	.	1	get it	<i>remarks - this release:</i> .	
	(not TS) as per 03.26								

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

TR 43.030	Radio network planning aspects					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB		
	<i>freeze_meeting:</i> GP-10	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-10 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	reissue as TR 5 . 0 . 1		<i>remarks - this release:</i> .			
	instead of TS					
	GP-11 19/09/2002 5 . 1 . 0	get it				
<hr/>						
TS 43.033	Lawful Interception; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 43.045	Technical Realization of Facsimile Group 3 Service - transparent					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-15 20/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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

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TS 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2								
Rel-5	current version: 5.10.0 freeze_meeting: GP-09	WG (prime / other): G1 / - G: yes U:		rapporteur: SÉBIRE, Guillaume MCC: USAI, Paolino		NOKIA Corporation			
	history (event, available, version, GP-03 15/02/2001 5 . 0 . 0 GP-04 20/04/2001 5 . 1 . 0 GP-05 28/06/2001 5 . 2 . 0 GP-06 01/10/2001 5 . 3 . 0 GP-07 04/01/2002 5 . 4 . 0 GP-08 19/02/2002 5 . 5 . 0 GP-09 06/05/2002 5 . 6 . 0 GP-11 19/09/2002 5 . 7 . 0 GP-12 03/01/2003 5 . 8 . 0 GP-14 25/04/2003 5 . 9 . 0 GP-16 12/09/2003 5 . 10 . 0	get it get it get it get it get it get it get it get it get it get it get it	remarks - general: Originally created as 03.51r00 remarks - this release:						
TS 43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2								
Rel-5	current version: 5.0.0 freeze_meeting: GP-10	WG (prime / other): G1 / - G: yes U:		rapporteur: GIRAUD, Alexis MCC: USAI, Paolino		ALCATEL S.A.			
	history (event, available, version, GP-10 19/07/2002 5 . 0 . 0	get it	remarks - general: remarks - this release: .						
TS 43.055	Dual Transfer Mode (DTM); Stage 2								
Rel-5	current version: 5.2.0 freeze_meeting: GP-10	WG (prime / other): G1 / G2 G: yes U:		rapporteur: CARRIZO MARTINEZ, Jose Luis MCC: USAI, Paolino		VODAFONE Group Plc			
	history (event, available, version, GP-10 19/07/2002 5 . 0 . 0 GP-14 25/04/2003 5 . 1 . 0 GP-16 12/09/2003 5 . 2 . 0	get it get it get it	remarks - general: remarks - this release: .						
TR 43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)								
Rel-5	current version: 5.0.0 freeze_meeting: SP-16	WG (prime / other): S4 / - G: yes U:		rapporteur: MONFORT, Jean-Yves MCC: USAI, Paolino		France Telecom			
	history (event, available, version, SP-16 28/06/2002 5 . 0 . 0	get it	remarks - general: remarks - this release: .						

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http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.059	Functional stage 2 description of Location Services (LCS) in GERAN					
Rel-5	current version: 5.3.1 freeze_meeting: GP-09	WG (prime / other): G1 / - G: yes U:	rapporteur: LIVINGSTON, Margaret MCC: USAI, Paolino	NOKIA Corporation		
	history (event, available, version, GP-06 01/10/2001 5 . 0 . 0 GP-07 04/01/2002 5 . 1 . 0 GP-08 19/02/2002 5 . 2 . 0 GP-09 06/05/2002 5 . 3 . 0 remove hidden 25/04/2003 5 . 3 . 1	get it get it get it get it get it	remarks - general: remarks - this release: .			
<hr/>						
TS 43.064	Overall description of the GPRS radio interface; Stage 2					
Rel-5	current version: 5.2.0 freeze_meeting: GP-09	WG (prime / other): G1 / - G: yes U:	rapporteur: LEPPISAARI, Arto MCC: USAI, Paolino	NOKIA Corporation		
	history (event, available, version, GP-09 06/05/2002 5 . 0 . 0 GP-14 25/04/2003 5 . 1 . 0 make figs 20 and 02/05/2003 5 . 1 . 1 25 legible GP-16 12/09/2003 5 . 2 . 0	get it get it get it get it	remarks - general: remarks - this release: .			
<hr/>						
TS 43.068	Voice Group Call Service (VGCS); Stage 2					
Rel-5	current version: 5.2.0 freeze_meeting: NP-15	WG (prime / other): N1 / - G: yes U:	rapporteur: GARAPATY, Sonia MCC: JORGENSEN, Per Johan	Nortel Networks (USA)		
	history (event, available, version, NP-16 19/06/2002 5 . 0 . 0 post NP-16 edito 28/06/2002 5 . 0 . 1 NP-17 17/09/2002 5 . 1 . 0 NP-18 18/12/2002 5 . 2 . 0	get it get it get it get it	remarks - general: remarks - this release: .			
<hr/>						
TS 43.069	Voice Broadcast service (VBS); Stage 2					
Rel-5	current version: 5.2.0 freeze_meeting: NP-15	WG (prime / other): N1 / - G: yes U:	rapporteur: GARAPATY, Sonia MCC: JORGENSEN, Per Johan	Nortel Networks (USA)		
	history (event, available, version, NP-16 19/06/2002 5 . 0 . 0 post NP-16 edito 28/06/2002 5 . 0 . 1 NP-17 17/09/2002 5 . 1 . 0 NP-18 18/12/2002 5 . 2 . 0	get it get it get it get it	remarks - general: remarks - this release: .			

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Server ACTIVE specs Rel-5 43 .- series
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TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-5 *current version:* 5.0.0 *freeze_meeting:* SP-16
history (event, available, version, SP-16 24/06/2002 5 . 0 . 0 technically identical to v4.0.0 [get it](#) *remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.
remarks - this release: .

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

TS 43.130 Iur-g interface; Stage 2

Rel-5 *current version:* 5.0.0 *freeze_meeting:* GP-11
history (event, available, version, GP-11 16/09/2002 5 . 0 . 0 Technically identical to TR.43.930 [get it](#) *remarks - general:* Created identical to last version of 43.930. Also moved from G2 to G1.
remarks - this release: .

WG (prime / other): G1 / - *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
G: yes U: *MCC:* Jose Luis USAI, Paolino

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

TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Rel-5 *current version:* 5.0.0 *freeze_meeting:* NP-15
history (event, available, version, NP-16 20/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* Peter Skov JORGENSEN, Per Johan

TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Rel-5 *current version:* 5.0.1 *freeze_meeting:* GP-11
history (event, available, version, GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*
edito 17/12/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .

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

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Server ACTIVE specs Rel-5 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.004	Layer 1 - General Requirements					
Rel-5	current version: 5.2.0 freeze_meeting: GP-09	WG (prime / other): G2 / - G: yes U:	rapporteur: ISAACS, Ken MCC: THOMASEN, Gert	SIEMENS AG		
	history (event, available, version, GP-06 15/11/2001 5 . 0 . 0 GP-07 08/01/2002 5 . 1 . 0 GP-09 06/05/2002 5 . 2 . 0	get it get it get it	remarks - general: remarks - this release: .			
TS 44.005	Data Link (DL) Layer General Aspects					
Rel-5	current version: 5.0.1 freeze_meeting: GP-11	WG (prime / other): G2 / - G: yes U:	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version, GP-11 27/09/2002 5 . 0 . 0 edito 17/12/2002 5 . 0 . 1	get it get it	remarks - general: remarks - this release: .			
TS 44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
Rel-5	current version: 5.0.0 freeze_meeting: GP-11	WG (prime / other): G2 / - G: yes U:	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version, GP-11 27/09/2002 5 . 0 . 0	get it	remarks - general: remarks - this release: .			
TS 44.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface					
Rel-5	current version: 5.0.1 freeze_meeting: GP-11	WG (prime / other): G2 / N2 G: yes U:	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version, GP-11 27/09/2002 5 . 0 . 0 edito 17/12/2002 5 . 0 . 1	get it get it	remarks - general: Rel-4 onwards. (Rel-99 was 24.012) remarks - this release: .			
TS 44.013	Performance Requirements on Mobile Radio Interface					
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N1 / - G: yes U:	rapporteur: PUDNEY, Chris MCC: JORGENSEN, Per Johan	VODAFONE Group Plc		
	history (event, available, version, NP-16 20/06/2002 5 . 0 . 0	get it	remarks - general: remarks - this release: .			

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Server ACTIVE specs Rel-5 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.014 Individual equipment type requirements and interworking; Special conformance testing functions

Rel-5 *current version:* 5.2.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-11 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*
GP-13 21/02/2003 5 . 1 . 0 [get it](#) *remarks - this release: .*
GP-15 10/07/2003 5 . 2 . 0 [get it](#)

TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-5 *current version:* 5.12.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-09 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-04 04/05/2001 5 . 0 . 0 [get it](#) *remarks - general:*
GP-05 18/06/2001 5 . 1 . 0 [get it](#) *remarks - this release: .*
GP-06 10/09/2001 5 . 2 . 0 [get it](#)
GP-07 08/01/2002 5 . 3 . 0 [get it](#)
GP-08 19/02/2002 5 . 4 . 0 [get it](#)
GP-09 02/05/2002 5 . 5 . 0 [get it](#)
GP-10 19/07/2002 5 . 6 . 0 [get it](#)
GP-11 16/09/2002 5 . 7 . 0 [get it](#)
GP-12 17/12/2002 5 . 8 . 0 [get it](#)
GP-13 21/02/2003 5 . 9 . 0 [get it](#)
GP-14 28/04/2003 5 . 10 . 0 [get it](#)
GP-15 10/07/2003 5 . 11 . 0 [get it](#)
GP-16 12/09/2003 5 . 12 . 0 [get it](#)

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: NP-15 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
post NP-17 - 02/10/2002 5 . 0 . 1 [get it](#) *remarks - this release: .*
replace illegible
figures
NP-17 18/09/2002 5 . 1 . 0 [get it](#)
post NP-17 - 02/10/2002 5 . 1 . 1 [get it](#)
replace illegible
figures
NP-18 06/01/2003 5 . 2 . 0 [get it](#)

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TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)					
Rel-5	current version: 5.6.0	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)		
	freeze_meeting: GP-09	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	GP-06 14/09/2001	5 . 0 . 0	get it	remarks - general:		
	GP-07 08/01/2002	5 . 1 . 0	get it	remarks - this release: .		
	GP-08 19/02/2002	5 . 2 . 0	get it			
	GP-09 02/05/2002	5 . 3 . 0	get it			
	GP-10 19/07/2002	5 . 4 . 0	get it			
	GP-11 16/09/2002	5 . 5 . 0	get it			
	GP-16 12/09/2003	5 . 6 . 0	get it			

TS 44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods					
Rel-5	current version: 5.0.1	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)		
	freeze_meeting: GP-11	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	GP-11 27/09/2002	5 . 0 . 0	get it	remarks - general:		
	edito 17/12/2002	5 . 0 . 1	get it	remarks - this release: .		

TS 44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification					
Rel-5	current version: 5.0.0	WG (prime / other): N1 / -	rapporteur: HUPPERICH, Peter	ALCATEL S.A.		
	freeze_meeting: NP-15	G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version,					
	NP-16 20/06/2002	5 . 0 . 0	get it	remarks - general:		
				remarks - this release: .		

TS 44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification					
Rel-5	current version: 5.0.0	WG (prime / other): N1 / -	rapporteur: HUPPERICH, Peter	ALCATEL S.A.		
	freeze_meeting: NP-15	G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version,					
	NP-16 20/06/2002	5 . 0 . 0	get it	remarks - general:		
				remarks - this release: .		

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TS 44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol				
Rel-5	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-08 19/02/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
	GP-09 03/05/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	. (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
edito post	GP-09 28/05/2002	5 . 1 . 1	get it		
	GP-10 19/07/2002	5 . 2 . 0	get it		
	GP-11 16/09/2002	5 . 3 . 0	get it		
	GP-12 17/12/2002	5 . 4 . 0	get it		
	GP-13 21/02/2003	5 . 5 . 0	get it		
	GP-14 29/04/2003	5 . 6 . 0	get it		
	GP-15 10/07/2003	5 . 7 . 0	get it		
	GP-16 13/09/2003	5 . 8 . 0	get it		
<hr/>					
TS 44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-14 04/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-15 19/03/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.
<hr/>					
TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-16 19/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.
				<i>remarks - this release:</i>	.
<hr/>					
TS 44.068	Group Call Control (GCC) Protocol				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-16 19/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	
post NP-16 edito	26/06/2002	5 . 0 . 1	get it	<i>remarks - this release:</i>	.
		Correct faulty styles / clause			

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Server ACTIVE specs Rel-5 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.069	Broadcast Call Control (BCC) protocol								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)				
	<i>freeze_meeting:</i> NP-15		G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	NP-16 19/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
TS 44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification								
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S				
	<i>freeze_meeting:</i> GP-11		G: yes U:	<i>MCC:</i> Peter Skov					
	<i>history (event, available, version,</i>								
	GP-11 27/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	edito 17/12/2002	5 . 0 . 1		get it	<i>remarks - this release:</i> .				
<hr/>									
TS 44.118	Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; Iu mode								
Rel-5	<i>current version:</i> 5.6.0		<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> VIRTEJ, Iuliana	NOKIA Corporation				
	<i>freeze_meeting:</i> GP-09		G: yes U:	<i>MCC:</i> THOMASEN, Gert					
	<i>history (event, available, version,</i>								
	GP-08 20/03/2002	1 . 1 . 0	GP-020289	get it	<i>remarks - general:</i>				
	draft 26/03/2002	1 . 2 . 0		get it	<i>remarks - this release:</i> .				
	GP-08 27/03/2002	1 . 3 . 0	GP-02794	get it					
	draft 07/05/2002	1 . 4 . 0		get it					
	GP-10 19/07/2002	5 . 0 . 0		get it					
	GP-11 19/09/2002	5 . 1 . 0		get it					
	GP-12 17/12/2002	5 . 2 . 0		get it					
	GP-13 21/02/2003	5 . 3 . 0		get it					
	GP-14 28/04/2003	5 . 4 . 0		get it					
	GP-15 10/07/2003	5 . 5 . 0		get it					
	GP-16 13/09/2003	5 . 6 . 0		get it					

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Server ACTIVE specs Rel-5 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu mode								
Rel-5	<i>current version:</i> 5.6.0 <i>freeze_meeting:</i> GP-09								Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i>								
	GP-09 22/04/2002 0 . 2 . 0 GP-020803				get it		<i>remarks - general:</i>		Created GP-08; see GP-020483. 2002-07-18: G1->G2.
	GP-10 19/07/2002 5 . 0 . 0				get it		<i>remarks - this release:</i>		.
	GP-11 19/09/2002 5 . 1 . 0				get it				
	GP-12 17/12/2002 5 . 2 . 0				get it				
	GP-13 21/02/2003 5 . 3 . 0				get it				
	GP-14 29/04/2003 5 . 4 . 0				get it				
	GP-15 10/07/2003 5 . 5 . 0				get it				
	GP-16 13/09/2003 5 . 6 . 0				get it				
TR 44.901	External network assisted cell change (NACC)								
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> GP-09								Telefon AB LM Ericsson
	<i>history (event, available, version,</i>								
	GP-06 0 . 4 . 0						<i>remarks - general:</i>		2003-07-03 (JMM): WI UID 23011?. See also 25.901.
	GP-08 04/04/2002 0 . 7 . 0 GP-020220				get it		<i>remarks - this release:</i>		.
	GP-08 04/04/2002 1 . 0 . 0 GP-020427				get it				
	GP-08 19/03/2002 2 . 0 . 0 GP-020491				get it				
	GP-08 26/03/2002 5 . 0 . 0				get it				
	GP-09 06/05/2002 5 . 1 . 0				get it				

Rel-5 **45** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

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Server ACTIVE specs Rel-5 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.001 Physical layer on the radio path; General description

Rel-5 *current version:* 5.6.0
freeze_meeting: GP-09

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

NOKIA MOBILE PHONES

history (event, available, version,

GP-03	15/02/2001	5	.	0	.	0
GP-06	01/10/2001	5	.	1	.	0
GP-07	04/01/2002	5	.	2	.	0
GP-09	06/05/2002	5	.	3	.	0
GP-10	19/07/2002	5	.	4	.	0
GP-12	03/01/2003	5	.	5	.	0
GP-14	25/04/2003	5	.	6	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 45.002 Multiplexing and multiple access on the radio path

Rel-5 *current version:* 5.11.0
freeze_meeting: GP-09

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

NOKIA Corporation

history (event, available, version,

GP-03	15/02/2001	5	.	0	.	0
edito	27/02/2001	5	.	0	.	1
GP-04	20/04/2001	5	.	1	.	0
GP-06	01/10/2001	5	.	2	.	0
GP-07	04/01/2002	5	.	3	.	0
GP-08	19/02/2002	5	.	4	.	0
GP-09	06/05/2002	5	.	5	.	0
GP-10	19/07/2002	5	.	6	.	0
GP-12	03/01/2003	5	.	7	.	0
GP-13	21/02/2003	5	.	8	.	0
GP-14	25/04/2003	5	.	9	.	0
GP-15	11/07/2003	5	.	10	.	0
GP-16	12/09/2003	5	.	11	.	0

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Server ACTIVE specs Rel-5 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.003 Channel coding

Rel-5 *current version:* 5.8.0
freeze_meeting: GP-09

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

history (event, available, version,

GP-03	06/02/2001	5	.	0	.	0
GP-05	28/06/2001	5	.	1	.	0
GP-06	01/10/2001	5	.	2	.	0
GP-07	04/01/2002	5	.	3	.	0
GP-08	19/02/2002	5	.	4	.	0
GP-09	06/05/2002	5	.	5	.	0
GP-10	19/07/2002	5	.	6	.	0
GP-14	25/04/2003	5	.	7	.	0
GP-15	11/07/2003	5	.	8	.	0

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TS 45.004 Modulation

Rel-5 *current version:* 5.1.0
freeze_meeting: GP-09

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

history (event, available, version,

GP-07	04/01/2002	5	.	0	.	0
GP-10	19/07/2002	5	.	1	.	0

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

TS 45.005 Radio transmission and reception

Rel-5 *current version:* 5.9.0
freeze_meeting: GP-09

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

history (event, available, version,

GP-05	28/06/2001	5	.	0	.	0
GP-06	01/10/2001	5	.	1	.	0
GP-07	04/01/2002	5	.	2	.	0
GP-09	06/05/2002	5	.	3	.	0
GP-10	19/07/2002	5	.	4	.	0
GP-11	19/09/2002	5	.	5	.	0
GP-12	03/01/2003	5	.	6	.	0
GP-13	21/02/2003	5	.	7	.	0
GP-14	25/04/2003	5	.	8	.	0
GP-16	12/09/2003	5	.	9	.	0

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http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.008	Radio subsystem link control					
Rel-5	current version: 5.12.0		WG (prime / other): G1 / -	rapporteur: EL-SAIGH, Amer	VODAFONE Group Plc	
	freeze_meeting: GP-09		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,					
	GP-03	5 . 0 . 0		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			
	GP-07 04/01/2002	5 . 4 . 0	get it			
	GP-08 19/02/2002	5 . 5 . 0	get it			
	GP-09 06/05/2002	5 . 6 . 0	get it			
	GP-10 19/07/2002	5 . 7 . 0	get it			
	GP-11 19/09/2002	5 . 8 . 0	get it			
	GP-13 21/02/2003	5 . 9 . 0	get it			
	GP-14 25/04/2003	5 . 10 . 0	get it			
	GP-15 11/07/2003	5 . 11 . 0	get it			
	GP-16 12/09/2003	5 . 12 . 0	get it			
TS 45.009	Link adaptation					
Rel-5	current version: 5.5.0		WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: GP-09		G: yes U:	Peter Skov		
	history (event, available, version,			MCC: USAI, Paolino		
	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:		
	GP-07 04/01/2002	5 . 2 . 0	get it			
	GP-08 19/02/2002	5 . 3 . 0	get it			
	GP-09 06/05/2002	5 . 4 . 0	get it			
	GP-10 19/07/2002	5 . 5 . 0	get it			
TS 45.010	Radio subsystem synchronization					
Rel-5	current version: 5.3.0		WG (prime / other): G1 / -	rapporteur: JOKINEN, Harri	NOKIA MOBILE PHONES	
	freeze_meeting: GP-10		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,					
	GP-10 19/07/2002	5 . 0 . 0	get it	remarks - general:		
	GP-11 19/09/2002	5 . 1 . 0	get it	remarks - this release: .		
	GP-13 21/02/2003	5 . 2 . 0	get it			
	GP-16 12/09/2003	5 . 3 . 0	get it			

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TR 45.022	Radio link management in hierarchical networks				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	GP-10 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TR 45.050	Background for RF Requirements				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-10	G: yes U:	Peter Skov		
	<i>history (event, available, version,</i>		<i>MCC:</i> USAI, Paolino		
	GP-10 19/07/2002 5 . 0 . 0	get it			
	clean up 19/09/2002 5 . 0 . 1	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 45.056	CTS-FP Radio Sub-system				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	GP-10 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

Rel-5 46 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.001	Full Rate Speech Processing Functions				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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Server ACTIVE specs Rel-5 46 .- series
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TS 46.002	Half Rate Speech Processing Functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TR 46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 46.010	Full-rate speech transcoding					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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TS 46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16 <i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> S4 / - G: yes U:		<i>rapporteur:</i> NAVARRO, William <i>MCC:</i> USAI, Paolino		NORTEL NETWORKS (EUROPE)
		get it		<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>						
TS 46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16 <i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> S4 / - G: yes U:		<i>rapporteur:</i> SERENO, Daniele <i>MCC:</i> USAI, Paolino		TELECOM ITALIA S.p.A.
		get it		<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>						
TS 46.020	Half Rate Speech Transcoding					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16 <i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> S4 / - G: yes U:		<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino		MOTOROLA Ltd
		get it		<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>						
TS 46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16 <i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> S4 / - G: yes U:		<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino		MOTOROLA Ltd
		get it		<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>						
TS 46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16 <i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> S4 / - G: yes U:		<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino		MOTOROLA Ltd
		get it		<i>remarks - general:</i> <i>remarks - this release:</i> .		

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TS 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.				
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino						
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
TS 46.032	Voice Activity Detection (VAD)								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One				
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino						
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
TS 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.				
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino						
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
TS 46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One				
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino						
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
TS 46.051	GSM Enhanced full rate speech processing functions: General description								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation				
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino						
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						

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TS 46.053	ANSI-C code for the GSM Enhanced full rate speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 46.054	Test sequences for the GSM Enhanced Full Rate (EFR)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TR 46.055	Performance characterisation of the GSM EFR Speech Codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 46.060	Enhanced full rate speech transcoding					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 46.061	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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Server ACTIVE specs Rel-5 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels								
Rel-5	current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16 28/06/2002 5 . 0 . 0	WG (prime / other): S4 / - G: yes U:		rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation			
			get it	remarks - general: remarks - this release: .					
<hr/>									
TS 46.081	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels								
Rel-5	current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16 28/06/2002 5 . 0 . 0	WG (prime / other): S4 / - G: yes U:		rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation			
			get it	remarks - general: remarks - this release: .					
<hr/>									
TS 46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels								
Rel-5	current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16 28/06/2002 5 . 0 . 0	WG (prime / other): S4 / - G: yes U:		rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation			
			get it	remarks - general: remarks - this release: .					
<hr/>									
TR 46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation								
Rel-5	current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16 28/06/2002 5 . 0 . 0	WG (prime / other): S4 / - G: yes U:		rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.			
			get it	remarks - general: remarks - this release: .					

Rel-5 48 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

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Server ACTIVE specs Rel-5 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.001	General Aspects on the BSS-MSC Interface					
Rel-5	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> GP-11	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	<i>history (event, available, version,</i> GP-11 27/09/2002 5 . 0 . 0 edito 17/12/2002 5 . 0 . 1	G: yes U:	<i>MCC:</i>			
		get it <i>remarks - general:</i> get it <i>remarks - this release: .</i>				
<hr/>						
TS 48.002	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles					
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> GP-09	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	<i>history (event, available, version,</i> GP-04 05/10/2001 5 . 0 . 0 GP-09 06/05/2002 5 . 1 . 0	G: yes U:	<i>MCC:</i>			
		get it <i>remarks - general:</i> get it <i>remarks - this release: .</i>				
<hr/>						
TS 48.004	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification					
Rel-5	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> GP-11	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	<i>history (event, available, version,</i> GP-11 27/09/2002 5 . 0 . 0 edito 17/12/2002 5 . 0 . 1	G: yes U:	<i>MCC:</i>			
		get it <i>remarks - general:</i> get it <i>remarks - this release: .</i>				
<hr/>						
TS 48.006	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface					
Rel-5	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> GP-11	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	<i>history (event, available, version,</i> GP-11 27/09/2002 5 . 0 . 0 edito 17/12/2002 5 . 0 . 1	G: yes U:	<i>MCC:</i>			
		get it <i>remarks - general:</i> get it <i>remarks - this release: .</i>				

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TS 48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
Rel-5	current version: 5.10.0 freeze_meeting: GP-09	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	GP-04 04/05/2001 5 . 0 . 0	get it	remarks - general:			
	GP-05 19/06/2001 5 . 1 . 0	get it	remarks - this release: .			
	GP-06 14/09/2001 5 . 2 . 0	get it				
	GP-07 08/01/2002 5 . 3 . 0	get it				
	GP-08 19/02/2002 5 . 4 . 0	get it				
	GP-09 06/05/2002 5 . 5 . 0	get it				
	GP-10 19/07/2002 5 . 6 . 0	get it				
	GP-11 16/09/2002 5 . 7 . 0	get it				
	GP-12 18/12/2002 5 . 8 . 0	get it				
	GP-15 10/07/2003 5 . 9 . 0	get it				
	GP-16 12/09/2003 5 . 10 . 0	get it				

TS 48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1					
Rel-5	current version: 5.0.1 freeze_meeting: GP-11	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	GP-11 27/09/2002 5 . 0 . 0	get it	remarks - general:			
	edito 17/12/2002 5 . 0 . 1	get it	remarks - this release: .			

TS 48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service					
Rel-5	current version: 5.2.0 freeze_meeting: GP-09	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	GP-06 14/09/2001 5 . 0 . 0	get it	remarks - general:			
	GP-07 08/01/2002 5 . 1 . 0	get it	remarks - this release: .			
	GP-15 10/07/2003 5 . 2 . 0	get it				

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Server ACTIVE specs Rel-5 48 .- series
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TS 48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol								
Rel-5	<i>current version:</i> 5.7.0				<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti		MOTOROLA	
	<i>freeze_meeting:</i> GP-09				G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>								
	GP-06 10/09/2001	5	.	0	.	0	get it	<i>remarks - general:</i>	
	GP-07 08/01/2002	5	.	1	.	0	get it	<i>remarks - this release:</i> .	
	GP-08 19/02/2002	5	.	2	.	0	get it		
	GP-09 06/05/2002	5	.	3	.	0	get it		
	GP-10 19/07/2002	5	.	4	.	0	get it		
	GP-11 16/09/2002	5	.	5	.	0	get it		
	edito 17/12/2002	5	.	5	.	1	get it		
	GP-13 21/02/2003	5	.	6	.	0	get it		
	Editorial correction 29/04/2003	5	.	6	.	1	get it		
	of reference in tables 10.2.1 and 10.2.2								
	GP-15 10/07/2003	5	.	7	.	0	get it		
<hr/>									
TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface								
Rel-5	<i>current version:</i> 5.2.0				<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha		NOKIA Corporation	
	<i>freeze_meeting:</i> NP-15				G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>								
	NP-14 11/01/2002	5	.	0	.	0	get it	<i>remarks - general:</i>	
	NP-17 18/09/2002	5	.	1	.	0	get it	<i>remarks - this release:</i> .	
	NP-18 09/01/2003	5	.	2	.	0	get it		
<hr/>									
TS 48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification								
Rel-5	<i>current version:</i> 5.0.0				<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-10				G: yes U:	Peter Skov <i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>								
	GP-10 19/07/2002	5	.	0	.	0	get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	

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TS 48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
Rel-5	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> GP-11	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov		MOTOROLA A/S	
		G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-11 27/09/2002 5 . 0 . 0 edito 17/12/2002 5 . 0 . 1	get it <i>remarks - general:</i> get it <i>remarks - this release: .</i>				
<hr/>						
TS 48.052	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles					
Rel-5	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> GP-11	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov		MOTOROLA A/S	
		G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-11 27/09/2002 5 . 0 . 0 edito 17/12/2002 5 . 0 . 1	get it <i>remarks - general:</i> get it <i>remarks - this release: .</i>				
<hr/>						
TS 48.054	Base Station Controller - Base Tranceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits					
Rel-5	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> GP-11	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov		MOTOROLA A/S	
		G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-11 27/09/2002 5 . 0 . 0 edito 17/12/2002 5 . 0 . 1	get it <i>remarks - general:</i> get it <i>remarks - this release: .</i>				
<hr/>						
TS 48.056	Base Station Controller - Base Tranceiver Station (BSC - BTS) interface; Layer 2 specification					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> GP-11	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov		MOTOROLA A/S	
		G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-11 27/09/2002 5 . 0 . 0	get it <i>remarks - general:</i> <i>remarks - this release: .</i>				

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Server ACTIVE specs Rel-5 48 .- series
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TS 48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification					
Rel-5	current version: 5.6.0 freeze_meeting: GP-09	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC:			
	GP-04 04/05/2001 5 . 0 . 0	get it	remarks - general:			
	GP-05 18/06/2001 5 . 1 . 0	get it	remarks - this release: .			
	GP-06 10/09/2001 5 . 2 . 0	get it				
	GP-07 08/01/2002 5 . 3 . 0	get it				
	GP-08 19/02/2002 5 . 4 . 0	get it				
	GP-09 06/05/2002 5 . 5 . 0	get it				
	GP-10 19/07/2002 5 . 6 . 0	get it				

TS 48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels					
Rel-5	current version: 5.2.0 freeze_meeting: GP-09	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC:			
	GP-09 06/05/2002 5 . 0 . 0	get it	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	GP-10 19/07/2002 5 . 1 . 0	get it	remarks - this release: .			
	GP-11 19/09/2002 5 . 2 . 0	get it				

TS 48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels					
Rel-5	current version: 5.0.0 freeze_meeting: GP-09	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC:			
	GP-09 06/05/2002 5 . 0 . 0	get it	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
			remarks - this release: .			

TS 48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification					
Rel-5	current version: 5.1.0 freeze_meeting: GP-11	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC:			
	GP-11 27/09/2002 5 . 0 . 0	get it	remarks - general:			
	edito 17/12/2002 5 . 0 . 1	get it	remarks - this release: .			
	GP-15 10/07/2003 5 . 1 . 0	get it				

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Server ACTIVE specs Rel-5 48 .- series
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Rel-5 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.001 General network interworking scenarios

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: NP-15 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated
freeze_meeting: NP-15 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-19 24/03/2003 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-09 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-06 02/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
edito 03/10/2001 5 . 0 . 1 [get it](#) *remarks - this release:* .
GP-07 08/01/2002 5 . 1 . 0 [get it](#)
GP-08 19/02/2002 5 . 2 . 0 [get it](#)
GP-10 19/07/2002 5 . 3 . 0 [get it](#)

Rel-5 51 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

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Server ACTIVE specs Rel-5 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification

Rel-5 *current version:* 5.5.0 *WG (prime / other):* G3ne / S1 / NP / T2 / SCP *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-15

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,
GP-11 20/09/2002 5 . 0 . 0 [get it](#) *remarks - general:* 2001-11-19: G4->G5.
GP-12 20/12/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
GP-13 21/02/2003 5 . 2 . 0 [get it](#)
replacement of 28/02/2003 5 . 2 . 1 [get it](#)
omitted text post
GP-13
GP-14 25/04/2003 5 . 3 . 0 [get it](#)
GP-15 22/07/2003 5 . 4 . 0 [get it](#) late availability due to extent of
changes plus shortage of MCC
GP-16 05/09/2003 5 . 5 . 0 [get it](#)

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* G3ne / S1 / NP / T2 / SCP *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: GP-11

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,
GP-11 19/09/2002 5 . 0 . 0 [get it](#) *remarks - general:* 2001-11-19: G4->G5.
GP-12 20/12/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
GP-13 21/02/2003 5 . 2 . 0 [get it](#)
GP-14 25/04/2003 5 . 3 . 0 [get it](#)
GP-15 17/07/2003 5 . 4 . 0 [get it](#) late availability due to extent of
changes plus shortage of MCC
GP-16 05/09/2003 5 . 5 . 0 [get it](#)

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Server ACTIVE specs Rel-5 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.013 Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card
Rel-5 *current version:* 5.0.1 *WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.
freeze_meeting: TP-20 *G: yes U:* *MCC:* DIETZE, Claus
history (event, available, version,
TP-20 23/06/2003 5 . 0 . 0 [get it](#) *remarks - general:*
post TP-20 27/06/2003 5 . 0 . 1 [get it](#) *remarks - this release:* TP-16: WI is TP-020122.
editorial to fix
zipped annex E
attachment

TS 51.021 GSM radio aspects base station system equipment specification
Rel-5 *current version:* 5.3.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
GP-12 03/01/2003 5 . 1 . 0 [get it](#) *remarks - this release:* .
GP-13 21/02/2003 5 . 2 . 0 [get it](#)
GP-15 11/07/2003 5 . 3 . 0 [get it](#)

TS 51.026 GSM Repeater Equipment Specification
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Rel-5 **52** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs Rel-5 52 .- series
http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-18 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version, SP-19 31/03/2003 5 . 0 . 0 technically identical to v4.2.0 [get it](#) *remarks - general:* SP-13: replaces 32.402.
remarks - this release: SP-18: Expected to be raised to Rel-5 at SP-19.

Rel-4

Rel-4 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.101 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system
Rel-4 *current version:* 4.9.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version, SP-20 25/06/2003 4 . 9 . 0 Created from 21.102 v4.9.0 [get it](#) *remarks - general:* 2003-05: Title changed from "3rd Generation mobile system Release 1999
remarks - this release: . Specifications".

TS 21.111 USIM and IC card requirements
Rel-4 *current version:* 4.1.0 *WG (prime / other):* T3 / - *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version, TP-11 09/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-17 18/09/2002 4 . 1 . 0 [get it](#) *remarks - this release:* 2002-04-15: T3 reported to be still thinking about whether or not to create a Rel-5
version. TP-16: decided to upgrade to Rel-5.

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

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Server ACTIVE specs Rel-4 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.133	3G security; Security threats and requirements						
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHRISTOFFERSSON, Per	Telia Promotor AB			
	<i>history (event, available, version,</i>	G: U: yes	<i>MCC:</i> POPE, Maurice				
	SP-11 09/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-14 07/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>				
<hr/>							
TR 21.801	Specification drafting rules						
Rel-4	<i>current version:</i> 4.3.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat			
	<i>history (event, available, version,</i>	G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	SP-08 28/06/2000 1 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-08 30/06/2000 4 . 0 . 0	get it	<i>remarks - this release:</i> Formal doc created after TSG#7. (Was briefly 21.200)				
	SP-11 11/04/2001 4 . 1 . 0	get it					
	SP-13 01/10/2001 4 . 2 . 0	get it					
	SP-15 27/03/2002 4 . 3 . 0	get it					
<hr/>							
TR 21.900	Technical Specification Group working methods						
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat			
	<i>history (event, available, version,</i>	G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	SP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
TR 21.905	Vocabulary for 3GPP Specifications						
Rel-4	<i>current version:</i> 4.5.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ZARRI, Michele	T-Mobile (UK) Ltd			
	<i>history (event, available, version,</i>	G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	SP-09 18/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-10 08/01/2001 4 . 1 . 0	get it	<i>remarks - this release:</i> Absorbs 01.04.				
	SP-11 02/04/2001 4 . 2 . 0	get it					
	SP-12 27/06/2001 4 . 3 . 0	get it					
	SP-13 05/10/2001 4 . 4 . 0	get it					
	SP-20 18/06/2003 4 . 5 . 0	get it					

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

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Server ACTIVE specs Rel-4 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

Rel-4 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)					
Rel-4	current version: 4.3.0 freeze_meeting: SP-11	WG (prime / other): S1 / - G: yes U: yes	rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael		NOKIA Corporation	
	history (event, available, version, SP-09 18/10/2000 4 . 0 . 0 SP-10 08/01/2001 4 . 1 . 0 remove change 28/02/2001 4 . 1 . 1 bars SP-12 27/06/2001 4 . 2 . 0 SP-15 25/03/2002 4 . 3 . 0	get it get it get it get it get it	remarks - general: Transfer>TSG#5 remarks - this release:			
TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)					
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other): S1 / - G: yes U: yes	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited	
	history (event, available, version, SP-09 18/10/2000 4 . 0 . 0 SP-11 02/04/2001 4 . 1 . 0 SP-12 27/06/2001 4 . 2 . 0	get it get it get it	remarks - general: Transfer>TSG#4 remarks - this release:			
TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)					
Rel-4	current version: 4.3.0 freeze_meeting: SP-11	WG (prime / other): S1 / - G: yes U: yes	rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael		NOKIA Corporation	
	history (event, available, version, SP-07 17/03/2000 4 . 0 . 0 SP-10 08/01/2001 4 . 1 . 0 SP-12 27/06/2001 4 . 2 . 0 SP-15 25/03/2002 4 . 3 . 0	get it get it get it get it	remarks - general: Transfer>TSG#5 remarks - this release:			
TS 22.004	General on supplementary services					
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other): S1 / - G: yes U: yes	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited	
	history (event, available, version, SP-11 02/04/2001 4 . 0 . 0 SP-15 25/03/2002 4 . 1 . 0 SP-16 04/07/2002 4 . 2 . 0	get it get it get it	remarks - general: Transfer>TSG#4 remarks - this release:			

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

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TS 22.011	Service accessibility								
Rel-4	<i>current version:</i> 4.8.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLAIRE, Jean Paul	France Telecom			
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-07 17/03/2000	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-08 28/06/2000	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-09 18/10/2000	4 . 2 . 0		get it					
	SP-11 02/04/2001	4 . 3 . 0		get it					
	SP-12 27/06/2001	4 . 4 . 0		get it					
	SP-14 10/01/2002	4 . 5 . 0		get it					
	SP-15 25/03/2002	4 . 6 . 0		get it					
	SP-16 04/07/2002	4 . 7 . 0		get it					
	SP-17 17/09/2002	4 . 8 . 0		get it					
<hr/>									
TS 22.016	International Mobile Equipment Identities (IMEI)								
Rel-4	<i>current version:</i> 4.2.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-15 25/03/2002	4 . 1 . 0		get it	<i>remarks - this release:</i> TSG#8: CR proposed creation, but not aprvd.				
	SP-16 04/07/2002	4 . 2 . 0		get it					
	edito post SP-16 19/07/2002	4 . 2 . 1	History box	get it					
<hr/>									
TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom			
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-16 19/06/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>				
<hr/>									
TS 22.024	Description of Charge Advice Information (CAI)								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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		get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5				
					<i>remarks - this release:</i>				

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

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TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)								
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): S1 / -	G: yes U: yes	rapporteur: TOIVANEN, Annukka MCC: CLAYTON, Michael					NOKIA Corporation
	history (event, available, version, SP-11 02/04/2001 4 . 0 . 0 SP-15 25/03/2002 4 . 1 . 0					get it	remarks - general: Transfer>TSG#4		
						get it	remarks - this release:		
TS 22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1								
Rel-4	current version: 4.0.0 freeze_meeting: SP-18	WG (prime / other): S3 /	G: yes U: yes	rapporteur: WRIGHT, Tim MCC: POPE, Maurice					Indicate persons who left Company and wait for new One
	history (event, available, version, SP-18 06/01/2003 4 . 0 . 0	Technically identical to 42.031 v4.0.0.				get it	remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & remarks - this release: Created from 42.031 Rel-4. Rel-5 -> 22.031.		
TS 22.032	Immediate Service Termination (IST); Service description; Stage 1								
Rel-4	current version: 4.0.0 freeze_meeting: SP-16	WG (prime / other): S3 /	G: yes U: yes	rapporteur: WRIGHT, Tim MCC: POPE, Maurice					Indicate persons who left Company and wait for new One
	history (event, available, version, SP-16 24/06/2002 4 . 0 . 0					get it	remarks - general: SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). remarks - this release: SP-16: Takes over from 42.032 Rel-4.		
TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1								
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): S1 / -	G: yes U: yes	rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael					NOKIA Corporation
	history (event, available, version, SP-11 02/04/2001 4 . 0 . 0 SP-16 04/07/2002 4 . 1 . 0					get it	remarks - general: Transfer>TSG#4		
						get it	remarks - this release:		
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1								
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other): S1 / -	G: yes U: yes	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael					Research In Motion Limited
	history (event, available, version, SP-09 18/10/2000 4 . 0 . 0 SP-10 08/01/2001 4 . 1 . 0 SP-20 18/06/2003 4 . 2 . 0					get it	remarks - general: Transfer>TSG#4		
						get it	remarks - this release:		

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

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TS 22.041	Operator Determined Call Barring								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc				
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	SP-10 08/01/2001	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-11 02/04/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
<hr/>									
TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1								
Rel-4	<i>current version:</i> 4.2.1		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB				
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-15 25/03/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-20 18/06/2003	4 . 2 . 0		get it					
	corect cover date 26/06/2003	4 . 2 . 1		get it					
<hr/>									
TS 22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd				
	<i>freeze_meeting:</i> TP-12		G: yes U: yes	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version,</i>								
	TP-12 06/07/2001	4 . 0 . 0		get it	<i>remarks - general:</i> TP-12: was previously 42.048.				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1								
Rel-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		get it	<i>remarks - general:</i> Transfer>TSG#4.				
	SP-03 23/04/1999	0 . 1 . 1		get it	<i>remarks - this release:</i>				
	SP-11 10/04/2001	4 . 0 . 0		get it					
	edito 01/10/2001	4 . 0 . 1		get it					

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

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Server ACTIVE specs Rel-4 22 .- series
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TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-09 18/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution			
	SP-15 25/03/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>	Environment (MExE); Stage 1".			
<hr/>									
TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-07 17/03/2000	4 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4			
	SP-08 28/06/2000	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-10 08/01/2001	4 . 2 . 0		get it					
	SP-15 25/03/2002	4 . 3 . 0		get it					
	SP-16 04/07/2002	4 . 4 . 0		get it					
<hr/>									
TS 22.066	Support of Mobile Number Portability (MNP); Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-11	<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		get it	<i>remarks - general:</i>	Transfer>TSG#4			
					<i>remarks - this release:</i>				
<hr/>									
TS 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-10 08/01/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4			
	SP-15 25/03/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>				

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

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TS 22.071	Location Services (LCS); Stage 1								
Rel-4	<i>current version:</i> 4.4.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.			
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-08 28/06/2000	4 . 0 . 0	based on 3.2.0	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-09 18/10/2000	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-10 08/01/2001	4 . 2 . 0		get it					
	SP-11 02/04/2001	4 . 3 . 0		get it					
	SP-15 25/03/2002	4 . 4 . 0		get it					
	edito post SP-15 04/04/2002	4 . 4 . 1		get it					
<hr/>									
TS 22.072	Call Deflection (CD); Stage 1								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> RAUCH, Horst	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i>				
<hr/>									
TS 22.076	Noise suppression for the AMR codec; Service description; Stage 1								
Rel-4	<i>current version:</i> 4.0.1			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	edito 01/10/2001	4 . 0 . 1		get it	<i>remarks - this release:</i>				
<hr/>									
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.5.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-09 29/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i>				
	SP-10 08/01/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-11 02/04/2001	4 . 2 . 0		get it					
	SP-12 27/06/2001	4 . 3 . 0		get it					
	SP-14 10/01/2002	4 . 4 . 0		get it					
	SP-15 25/03/2002	4 . 5 . 0		get it					

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

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TS 22.079	Support of optimal routing; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i>						
TS 22.081	Line Identification supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> AHNBERG, Tomas	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>						
TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom					
	<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	get it	<i>remarks - general:</i> Transfer>TSG#4						
	SP-12 29/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>						
	SP-15 25/03/2002 4 . 2 . 0	get it							
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>						
TS 22.084	MultiParty (MPPTY) supplementary service; Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>						

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TS 22.085	Closed User Group (CUG) supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
TS 22.087	User-to-user signalling (UUS); Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BRADEN, Christian	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
TS 22.088	Call Barring (CB) supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			

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TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i>						
TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i>						
TS 22.094	Follow Me service description - Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to						
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i> Apr2001: V3 unwithdrawn, so Rel-4 version produced. scrap 02,94 R99 in favour						
	of a common GSM/UMTS spec, 22.094.								
TS 22.096	Name identification supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i>						
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>						

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TS 22.101	Service aspects; Service principles					
Rel-4	current version: 4.7.0 freeze_meeting: SP-11	WG (prime / other): S1 / -	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	history (event, available, version,	G: U: yes	MCC: CLAYTON, Michael			
	SP-08 28/06/2000 4 . 0 . 0 based on 3.9.0	get it	remarks - general:			
	SP-09 18/10/2000 4 . 1 . 0	get it	remarks - this release: based on 3.9.0			
	SP-10 08/01/2001 4 . 2 . 0	get it				
	SP-11 02/04/2001 4 . 3 . 0	get it				
	SP-12 27/06/2001 4 . 4 . 0	get it				
	spelling 31/07/2001 4 . 4 . 1	get it				
	SP-13 05/10/2001 4 . 5 . 0	get it				
	SP-15 25/03/2002 4 . 6 . 0	get it				
	SP-20 18/06/2003 4 . 7 . 0	get it				
TS 22.105	Services and service capabilities					
Rel-4	current version: 4.3.0 freeze_meeting: SP-11	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom		
	history (event, available, version,	G: U: yes	MCC: CLAYTON, Michael			
	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-12 27/06/2001 4 . 2 . 0	get it				
	SP-15 25/03/2002 4 . 3 . 0	get it				
TS 22.115	Service Aspects Charging and billing					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S1 / -	rapporteur: MONTEGROSSO, Emanuele	TELECOM ITALIA S.p.A.		
	history (event, available, version,	G: yes U: yes	MCC: CLAYTON, Michael			
	SP-11 02/04/2001 4 . 0 . 0	get it	remarks - general:			
			remarks - this release:			
TR 22.121	Service aspects; The Virtual Home Environment; Stage 1					
Rel-4	current version: 4.1.1 freeze_meeting: SP-11	WG (prime / other): S1 / -	rapporteur: OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited		
	history (event, available, version,	G: yes U: yes	MCC: CLAYTON, Michael			
	SP-04 18/10/2000 4 . 0 . 0	get it	remarks - general: Former title: "Provision of Services in UMTS - The Virtual Home Environment;			
	SP-11 02/04/2001 4 . 1 . 0	get it	remarks - this release: Stage 1". SP-16: converted from TS to TR.			
	SP-16 19/07/2002 4 . 1 . 1 Converted from TS to TR.	get it				

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

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

history (event, available, version,

draft		0 . 1 . 0			
draft		0 . 2 . 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		
SP-14	10/01/2002	4 . 3 . 0	get it		
SP-15	28/03/2002	4 . 4 . 0	get it		

remarks - general:
remarks - this release:

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

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

history (event, available, version,

SP-09	18/10/2000	4 . 0 . 0	get it		
SP-10	08/01/2001	4 . 1 . 0	get it		
SP-11	02/04/2001	4 . 2 . 0	get it		
SP-12	27/06/2001	4 . 3 . 0	get it		
SP-14	10/01/2002	4 . 4 . 0	get it		

remarks - general:
remarks - this release:

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TS 22.135 Multicall; Service description; Stage 1

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
SP-15 27/03/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-16 4 . 2 . 0 CR010 unimplementable because
written to wrong version. No new CR at
SP-17; still waiting.
SP-18 18/12/2002 4 . 2 . 0 CR010r1 implemented [get it](#)

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* (development in T2)
SP-05 08/10/1999 1 . 0 . 0 [get it](#) *remarks - this release:* based on 3.0.0
SP-06 17/12/1999 2 . 0 . 0 [get it](#)
SP-08 4 . 0 . 0
SP-08 28/06/2000 4 . 0 . 1 [get it](#)
SP-11 02/04/2001 4 . 1 . 0 [get it](#)
SP-15 28/03/2002 4 . 2 . 0 [get it](#)
SP-18 07/01/2003 4 . 3 . 0 [get it](#)

Rel-4 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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TS 23.002	Network architecture					
Rel-4	current version: 4.8.0		WG (prime / other): S2 / -	rapporteur: SULTAN, Alain	SOURCE COM	
	freeze_meeting: SP-11		G: yes U: yes	MCC: YOON, Sang-Ui		
	history (event, available, version,					
	SP-09 18/10/2000	4 . 0 . 0	get it	remarks - general: Transfer>TSG#4,CR at TSG#5		
	SP-10 21/12/2000	4 . 1 . 0	get it	remarks - this release:		
	SP-11 06/04/2001	4 . 2 . 0	get it			
	SP-12 29/06/2001	4 . 3 . 0	get it			
	SP-14 07/01/2002	4 . 4 . 0	get it			
	SP-17 24/09/2002	4 . 5 . 0	get it			
	SP-18 10/01/2003	4 . 6 . 0	get it			
	SP-19 27/03/2003	4 . 7 . 0	get it			
	SP-20 20/06/2003	4 . 8 . 0	get it			

TS 23.003	Numbering, Addressing and Identification					
Rel-4	current version: 4.6.0		WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE LTD	
	freeze_meeting: SP-11		G: yes U: yes	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,					
	NP-11 02/04/2001	4 . 0 . 0	get it	remarks - general:		
	NP-12 27/06/2001	4 . 1 . 0	get it	remarks - this release:		
	NP-13 03/10/2001	4 . 2 . 0	get it			
	NP-14 11/01/2002	4 . 3 . 0	get it			
	NP-16 21/06/2002	4 . 4 . 0	get it			
	NP-17 17/09/2002	4 . 5 . 0	get it			
	NP-20 27/06/2003	4 . 6 . 0	get it			

TS 23.007	Restoration procedures					
Rel-4	current version: 4.1.1		WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE LTD	
	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:		
	corrects 24/06/2002	4 . 0 . 1	get it	remarks - this release:		
	NP-16 21/06/2002	4 . 1 . 0	get it			
	corrects 24/09/2002	4 . 1 . 1	get it			

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TS 23.008 Organisation of subscriber data

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
 NP-11 28/03/2001 4 . 0 . 0
 NP-12 27/06/2001 4 . 1 . 0
 NP-16 21/06/2002 4 . 2 . 0
 NP-20 27/06/2003 4 . 3 . 0

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

TS 23.009 Handover procedures

Rel-4 *current version:* 4.8.0
freeze_meeting: SP-11
history (event, available, version,
 NP-11 11/04/2001 4 . 0 . 0
 NP-12 06/07/2001 4 . 1 . 0
 NP-13 05/10/2001 4 . 2 . 0
 NP-14 08/01/2002 4 . 3 . 0
 NP-16 20/06/2002 4 . 4 . 0
 NP-17 17/09/2002 4 . 5 . 0
 NP-18 02/01/2003 4 . 6 . 0
 NP-19 24/03/2003 4 . 7 . 0
 NP-20 27/06/2003 4 . 8 . 0

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

TS 23.011 Technical realization of Supplementary Services

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,
 NP-11 04/04/2001 4 . 0 . 0
 corrects 24/06/2002 4 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 23.012 Location management procedures

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

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release:

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TS 23.014	Support of Dual Tone Multi Frequency (DTMF) signalling								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	NP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Should not be in UMTS ????						
	NP-17 17/09/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>						
<hr/>									
TS 23.015	Technical realisation of Operator Determined Barring (ODB)								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	Chalmers						
	<i>history (event, available, version,</i>		<i>MCC:</i> KYMALAINEN, Kimmo						
	NP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>						
	corrects 24/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>						
<hr/>									
TS 23.016	Subscriber data management; Stage 2								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-11 30/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>						
	NP-15 28/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>						
	NP-16 21/06/2002 4 . 2 . 0	get it							
	NP-17 17/09/2002 4 . 3 . 0	get it							
<hr/>									
TS 23.018	Basic Call Handling; Technical realization								
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	Chalmers						
	<i>history (event, available, version,</i>		<i>MCC:</i> KYMALAINEN, Kimmo						
	NP-09 25/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i>						
	NP-10 21/12/2000 4 . 1 . 0	get it	<i>remarks - this release:</i>						
	NP-11 06/04/2001 4 . 2 . 0	get it							
	NP-12 27/06/2001 4 . 3 . 0	get it							
	NP-13 03/10/2001 4 . 4 . 0	get it							
	NP-14 16/01/2002 4 . 5 . 0	get it							
	NP-15 28/03/2002 4 . 6 . 0	get it							
	NP-19 04/04/2003 4 . 7 . 0	get it							

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TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2									
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-18	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One						
	<i>history (event, available, version,</i> SP-18 06/01/2003 4 . 0 . 0	G: yes U: yes	<i>MCC:</i> POPE, Maurice							
	Technically identical to 43.031 v4.0.0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & <i>remarks - this release:</i> Created from 43.031 Rel-4. Rel-5 -> 23.031.							
<hr/>										
TS 23.032	Universal Geographical Area Description (GAD)									
Rel-4	<i>current version:</i> 4.1.1 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation						
	<i>history (event, available, version,</i> SP-11 11/04/2001 4 . 0 . 0 SP-18 07/01/2003 4 . 1 . 0 edito post SP-18 10/01/2003 4 . 1 . 1 to correct figures	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui							
		get it	<i>remarks - general:</i> S2 responsibility?							
		get it	<i>remarks - this release:</i>							
		get it								
<hr/>										
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2									
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i>							
	<i>history (event, available, version,</i> NP-11 11/04/2001 4 . 0 . 0	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan							
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>							
<hr/>										
TS 23.035	Immediate Service Termination (IST); Stage 2									
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One						
	<i>history (event, available, version,</i> SP-16 24/06/2002 4 . 0 . 0 SP-17 18/09/2002 4 . 1 . 0	G: yes U: yes	<i>MCC:</i> POPE, Maurice							
		get it	<i>remarks - general:</i> SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards). <i>remarks - this release:</i> SP-16: takes over from 43.035 Rel-4							
		get it								

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

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TS 23.038 Alphabets and language-specific information

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
TP-10 03/01/2001 4 . 1 . 0 [get it](#) *remarks - this release:* based on 3.3.0
TP-11 29/03/2001 4 . 2 . 0 [get it](#)
TP-13 03/10/2001 4 . 3 . 0 [get it](#)
TP-14 11/01/2002 4 . 4 . 0 [get it](#)

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

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

TS 23.040 Technical realization of Short Message Service (SMS)

Rel-4 *current version:* 4.8.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
TP-09 11/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-11 29/03/2001 4 . 2 . 0 [get it](#)
TP-12 02/07/2001 4 . 3 . 0 [get it](#)
TP-13 03/10/2001 4 . 4 . 0 [get it](#)
TP-14 11/01/2002 4 . 5 . 0 [get it](#)
TP-15 21/03/2002 4 . 6 . 0 [get it](#)
TP-16 25/06/2002 4 . 7 . 0 [get it](#)
TP-20 26/06/2003 4 . 8 . 0 [get it](#)

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TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
TP-12 04/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-14 11/01/2002 4 . 2 . 0 [get it](#)
TP-16 02/07/2002 4 . 3 . 0 [get it](#)
TP-19 24/03/2003 4 . 4 . 0 [get it](#)

TS 23.042 Compression algorithm for SMS

Rel-4 *current version:* 4.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
include test vector 17/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*
file

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: TP-12 *G: yes U: yes* *MCC:* DIETZE, Claus

history (event, available, version,
TP-12 06/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TP-12: replaces 43.048. TP-15: For test spec, see 31.048,
TP-13 12/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:* .
TP-14 17/01/2002 4 . 2 . 0 [get it](#)
TP-15 28/03/2002 4 . 3 . 0 [get it](#)
TP-19 26/03/2003 4 . 4 . 0 [get it](#)

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version,
SP-05 13/10/1999 0 . 0 . 0 [get it](#) *remarks - general:* No draft.
SP-11 29/03/2001 4 . 0 . 0 [get it](#) *remarks - this release:*
edito 01/10/2001 4 . 0 . 1 [get it](#)

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TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2								
Rel-4	current version: 4.5.0	WG (prime / other):	T2 / -	rapporteur:	BRENK, Lars	TTPCom Ltd			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-10 22/12/2000	4 . 0 . 0	get it	remarks - general:	Apr-2001: " Station Application" removed from title.				
	TP-11 11/04/2001	4 . 1 . 0	get it	remarks - this release:					
	TP-12 05/07/2001	4 . 2 . 0	get it						
	TP-13 05/10/2001	4 . 3 . 0	get it						
	include fig 5 18/10/2001	4 . 3 . 1	get it						
	TP-14 16/01/2002	4 . 4 . 0	get it						
	TP-15 25/03/2002	4 . 5 . 0	get it						
<hr/>									
TS 23.060	General Packet Radio Service (GPRS) Service description; Stage 2								
Rel-4	current version: 4.8.0	WG (prime / other):	S2 / -	rapporteur:	ZHAO, Yilin	MOTOROLA Ltd			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	YOON, Sang-Ui				
	history (event, available, version,								
	SP-11 06/04/2001	4 . 0 . 0	get it	remarks - general:	Transfer>TSG#4				
	SP-12 29/06/2001	4 . 1 . 0	get it	remarks - this release:					
	SP-13 12/10/2001	4 . 2 . 0	get it						
	SP-14 08/01/2002	4 . 3 . 0	get it						
	edito	4 . 3 . 1							
	SP-15 05/04/2002	4 . 4 . 0	get it						
	SP-16 17/06/2002	4 . 5 . 0	get it						
	SP-17 02/10/2002	4 . 6 . 0	get it						
	SP-18 10/01/2003	4 . 7 . 0	get it						
	SP-20 20/06/2003	4 . 8 . 0	get it						
<hr/>									
TS 23.066	Support of GSM Mobile Number Portability (MNP) stage 2								
Rel-4	current version: 4.0.1	WG (prime / other):	N4 / -	rapporteur:	LOPEZ SORIA, Luis	Telefon AB LM Ericsson			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-11 04/04/2001	4 . 0 . 0	get it	remarks - general:	Transfer>TSG#4, CR at TSG#5				
	corrects 24/06/2002	4 . 0 . 1	get it	remarks - this release:					

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TS 23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-10 21/12/2000	4 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-12 27/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	corrects 24/06/2002	4 . 1 . 1	get it			
<hr/>						
TS 23.072	Call Deflection Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	corrects 24/06/2002	4 . 0 . 1	get it	<i>remarks - this release:</i>		
<hr/>						
TS 23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2					
Rel-4	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version,</i>					
	NP-11 02/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5		
	NP-12 29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i> Phase 3.		
	NP-13 03/10/2001	4 . 2 . 0	get it			
	NP-14 04/01/2002	4 . 3 . 0	get it			
	NP-15 19/03/2002	4 . 4 . 0	get it			
	NP-16 17/06/2002	4 . 5 . 0	get it			
	post NP-16 edito 19/06/2002	4 . 5 . 1	get it			
	NP-17 17/09/2002	4 . 6 . 0	get it			
	editorial correction 14/11/2002	4 . 6 . 1	get it	minor correction, no need for SDO		
	to cover page			publication		
	NP-18 18/12/2002	4 . 7 . 0	get it			
	NP-19 25/03/2003	4 . 8 . 0	get it			
	NP-20 23/06/2003	4 . 9 . 0	get it			

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TS 23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2					
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other): N4 / -	rapporteur: PARK, Ian David Chalmers	VODAFONE LTD		
	history (event, available, version, NP-11 04/04/2001 4 . 0 . 0 NP-16 21/06/2002 4 . 1 . 0 NP-18 07/01/2003 4 . 2 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo		remarks - general: CR at TSG#4,CR at TSG#5 remarks - this release: .	
					get it get it get it	
<hr/>						
TS 23.081	Line Identification supplementary services; Stage 2					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB		
	history (event, available, version, NP-11 04/04/2001 4 . 0 . 0 NP-17 17/09/2002 4 . 1 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo		remarks - general: remarks - this release:	
					get it get it	
<hr/>						
TS 23.082	Call Forwarding (CF) Supplementary Services; Stage 2					
Rel-4	current version: 4.3.0 freeze_meeting: SP-11	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB		
	history (event, available, version, NP-11 04/04/2001 4 . 0 . 0 NP-12 27/06/2001 4 . 1 . 0 NP-13 03/10/2001 4 . 2 . 0 NP-16 21/06/2002 4 . 3 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo		remarks - general: remarks - this release:	
					get it get it get it get it	
<hr/>						
TS 23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2					
Rel-4	current version: 4.3.0 freeze_meeting: SP-11	WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE LTD		
	history (event, available, version, NP-09 26/10/2000 4 . 0 . 0 NP-11 30/03/2001 4 . 1 . 0 inclusion of 24/04/2001 4 . 2 . 0 missed CR NP-14 10/01/2002 4 . 3 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo		remarks - general: remarks - this release:	
					get it get it get it get it	

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TS 23.084	MultiParty (MPY) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 30/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.085	Closed User Group (CUG) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.086	Advice of Charge (AoC) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.087	User-to-User Signalling (UUS) supplementary service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.088	Call Barring (CB) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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TS 23.090	Unstructured Supplementary Service Data (USSD); Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CROOK, Mick	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 30/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 17/09/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.094	Follow Me Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.096	Name Identification Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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TS 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2								
Rel-4	current version: 4.0.0	WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE LTD					
	freeze_meeting: SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo						
	history (event, available, version, NP-11 04/04/2001 4 . 0 . 0	get it	remarks - general: Transfer>TSG#4,CR at TSG#5						
			remarks - this release:						
<hr/>									
TS 23.101	General UMTS Architecture								
Rel-4	current version: 4.0.0	WG (prime / other): S2 / -	rapporteur: OLSSON, Magnus	Telefon AB LM Ericsson					
	freeze_meeting: SP-11	G: U: yes	MCC: YOON, Sang-Ui						
	history (event, available, version, SP-11 11/04/2001 4 . 0 . 0	get it	remarks - general:						
			remarks - this release:						
<hr/>									
TS 23.107	Quality of Service (QoS) concept and architecture								
Rel-4	current version: 4.6.0	WG (prime / other): S2 / -	rapporteur: GREIS, Marc	NOKIA Corporation					
	freeze_meeting: SP-11	G: U: yes	MCC: YOON, Sang-Ui						
	history (event, available, version, SP-10 22/12/2000 4 . 0 . 0	get it	remarks - general: was 23.907						
	SP-12 29/06/2001 4 . 1 . 0	get it	remarks - this release:						
	SP-13 12/10/2001 4 . 2 . 0	get it							
	SP-14 07/01/2002 4 . 3 . 0	get it							
	SP-15 07/04/2002 4 . 4 . 0	get it							
	SP-17 24/09/2002 4 . 5 . 0	get it							
	SP-18 10/01/2003 4 . 6 . 0	get it							
<hr/>									
TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)								
Rel-4	current version: 4.0.1	WG (prime / other): N1 / -	rapporteur: DOIG, Ian	MOTOROLA S.A.S					
	freeze_meeting: SP-11	G: yes U: yes	MCC: JORGENSEN, Per Johan						
	history (event, available, version, NP-11 11/04/2001 4 . 0 . 0 NP-15 withdrawn	get it	remarks - general: This is clause 7 from 04.08 ex R98.						
	post NP-16 28/06/2002 4 . 0 . 1 update history table	get it	remarks - this release: 2002-02-26: Hietalahti proposes to withdraw, no further interest, unmaintained. 2002-04-15: N1-23 decision to continue to Rel-5. 2002-06-27: (Jorgensen) if R99 and Rel-5 exist, so musts Rel-4, so re-instated.						

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.110	UMTS Access Stratum Services and Functions								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S2 / -	G: yes U: yes	rapporteur: LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND				
	history (event, available, version, SP-11 11/04/2001 4 . 0 . 0			MCC: YOON, Sang-Ui					
		get it		remarks - general:					
				remarks - this release:					
<hr/>									
TS 23.116	Super-Charger technical realization; Stage 2								
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other): N4 / -	G: yes U: yes	rapporteur: ALLEN, Nicholas	Indicate persons who left Company and wait for new One				
	history (event, available, version, NP-11 04/04/2001 4 . 0 . 0 NP-12 27/06/2001 4 . 1 . 0 NP-14 10/01/2002 4 . 2 . 0			MCC: KYMALAINEN, Kimmo					
		get it		remarks - general: New after TSG#5					
		get it		remarks - this release:					
		get it							
<hr/>									
TS 23.119	Gateway Location Register (GLR); Stage2								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): N4 / -	G: yes U: yes	rapporteur: SAWADA, Masahiro	NTT DoCoMo Inc.				
	history (event, available, version, NP-11 04/04/2001 4 . 0 . 0			MCC: KYMALAINEN, Kimmo					
		get it		remarks - general: New after TSG#5					
				remarks - this release:					
<hr/>									
TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode								
Rel-4	current version: 4.3.0 freeze_meeting: SP-11	WG (prime / other): N1 / -	G: U: yes	rapporteur: HIETALAHTI, Hannu	NOKIA Corporation				
	history (event, available, version, NP-11 11/04/2001 4 . 0 . 0 NP-12 05/07/2001 4 . 1 . 0 NP-17 17/09/2002 4 . 2 . 0 NP-18 18/12/2002 4 . 3 . 0			MCC: JORGENSEN, Per Johan					
		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 Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-4	current version: 4.3.0	WG (prime / other):	S2 / -	rapporteur:	GOURRAUD,	ERICSSON RESEARCH CANADA			
	freeze_meeting: SP-11	G:	U: yes	MCC:	YOON, Sang-Ui				
	history (event, available, version,								
	SP-09 06/11/2000	4 . 0 . 0	get it	remarks - general:	Sept 00: "Open Service Architecture" removed from title.				
	SP-11 06/04/2001	4 . 1 . 0	get it	remarks - this release:					
	SP-12 29/06/2001	4 . 2 . 0	get it						
	SP-15 05/04/2002	4 . 3 . 0	get it						
<hr/>									
TS 23.135	Multicall supplementary service; Stage 2								
Rel-4	current version: 4.0.0	WG (prime / other):	N4 / -	rapporteur:	MITAMURA, Kazuo	NTT COMWARE Corporation			
	freeze_meeting: SP-11	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-09 25/10/2000	4 . 0 . 0	get it	remarks - general:					
				remarks - this release:					
<hr/>									
TS 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2								
Rel-4	current version: 4.10.0	WG (prime / other):	T2 / -	rapporteur:	LAUMEN, Josef	SIEMENS AG			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-09 06/10/2000	4 . 0 . 0	get it	remarks - general:					
	TP-10 21/12/2000	4 . 1 . 0	get it	remarks - this release:					
	TP-11 29/03/2001	4 . 2 . 0	get it						
	TP-12 03/07/2001	4 . 3 . 0	get it						
	TP-13 05/10/2001	4 . 4 . 0	get it						
	TP-14 11/01/2002	4 . 5 . 0	get it						
	TP-15 21/03/2002	4 . 6 . 0	get it						
	TP-16 25/06/2002	4 . 7 . 0	get it						
	TP-17 23/09/2002	4 . 8 . 0	get it						
	TP-19 31/03/2003	4 . 9 . 0	get it						
	TP-20 24/06/2003	4 . 10 . 0	get it						

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

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

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

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

TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-4 *current version:* 4.8.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: SP-10 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
draft 14/01/2000 1 . 0 . 0 [get it](#) *remarks - general:* New after TSG#5
NP-07 21/11/2000 2 . 0 . 0 [get it](#) *remarks - this release:* argument in SA over r99 or r00] concl:
not approved NP-000653
NP-10 2 . 3 . 0 [get it](#)
NP-10 09/01/2001 4 . 0 . 0 [get it](#)
NP-11 04/04/2001 4 . 1 . 0 [get it](#)
NP-12 27/06/2001 4 . 2 . 0 [get it](#)
NP-13 03/10/2001 4 . 3 . 0 [get it](#)
NP-14 10/01/2002 4 . 4 . 0 [get it](#)
NP-17 18/09/2002 4 . 5 . 0 [get it](#)
NP-18 09/01/2003 4 . 6 . 0 [get it](#)
NP-19 04/04/2003 4 . 7 . 0 [get it](#)
NP-20 27/06/2003 4 . 8 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

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

Rel-4 *current version:* 4.7.0 *freeze_meeting:* SP-11
history (event, available, version,
NP-10 12/01/2001 1 . 0 . 1 N4-001104
NP-11 30/03/2001 4 . 0 . 0
NP-12 06/07/2001 4 . 1 . 0
NP-13 03/10/2001 4 . 2 . 0
NP-14 10/01/2002 4 . 3 . 0
NP-15 28/03/2002 4 . 4 . 0
NP-16 21/06/2002 4 . 5 . 0
NP-17 18/09/2002 4 . 6 . 0
NP-20 27/06/2003 4 . 7 . 0

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

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

TS 23.221 Architectural requirements

Rel-4 *current version:* 4.2.0 *freeze_meeting:* SP-11
history (event, available, version,
draft 07/11/2000 0 . 0 . 5
SP-10 31/01/2001 1 . 0 . 0 SP-000595
draft 01/02/2001 1 . 1 . 0
SP-11 06/04/2001 4 . 0 . 0
SP-12 02/07/2001 4 . 1 . 0
SP-16 18/06/2002 4 . 2 . 0

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

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

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

Rel-4 *current version:* 4.2.0 *freeze_meeting:* SP-11
history (event, available, version,
draft 06/09/2000 0 . 1 . 0
TP-11 02/04/2001 4 . 0 . 0
TP-14 11/01/2002 4 . 1 . 0
TP-15 26/03/2002 4 . 2 . 0

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

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

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

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

Rel-4	<i>current version:</i> 4.9.0 <i>freeze_meeting:</i> SP-11	WG (prime / other): S2 / - G: yes U: yes	<i>rapporteur:</i> KÄLL, Jan <i>MCC:</i> YOON, Sang-Ui	NOKIA Corporation
<i>history (event, available, version,</i>				
	draft 10/07/2000	0 . 1 . 0	get it	<i>remarks - general:</i> post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
	draft 14/09/2000	0 . 2 . 0	get it	<i>remarks - this release:</i> post-TSG#8: Recombined Rel99 2G and 3G specs (respectively 03.71 and 23.171).
	SP-09 09/11/2000	1 . 0 . 0	get it	
	draft 22/11/2000	1 . 1 . 0	get it	
	SP-10	2 . 0 . 0	SP-000596	
	SP-10 27/02/2001	4 . 0 . 0	get it	
	SP-11 11/04/2001	4 . 1 . 0	get it	
	SP-12 02/07/2001	4 . 2 . 0	get it	
	SP-13 15/10/2001	4 . 3 . 0	get it	
	SP-14 07/01/2002	4 . 4 . 0	get it	
	SP-15 29/03/2002	4 . 5 . 0	get it	
	SP-16 18/06/2002	4 . 6 . 0	get it	
	SP-17 24/09/2002	4 . 7 . 0	get it	
	SP-18 09/01/2003	4 . 8 . 0	get it	
	SP-20 23/06/2003	4 . 9 . 0	get it	

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

Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	WG (prime / other): S2 / - G: U: yes	<i>rapporteur:</i> IBANEZ, Juan-Antonio <i>MCC:</i> YOON, Sang-Ui	Telefon AB LM Ericsson
<i>history (event, available, version,</i>				
	draft 12/09/2000	0 . 2 . 0	get it	<i>remarks - general:</i>
	draft 08/11/2000	0 . 3 . 0	get it	<i>remarks - this release:</i>
	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	

TR 23.908 Technical report on Pre-Paging

Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	WG (prime / other): N4 / - G: yes U: yes	<i>rapporteur:</i> KYMALAINEN, Kimmo <i>MCC:</i> KYMALAINEN, Kimmo	TeliaSonera AB
<i>history (event, available, version,</i>				
	NP-11 04/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.909	Technical report on the Gateway Location Register					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David Chalmers	VODAFONE LTD		
	<i>history (event, available, version,</i> NP-11 04/04/2001 4 . 0 . 0	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TR 23.910	Circuit switched data bearer services					
Rel-4	<i>current version:</i> 4.7.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar BOSWARTHICK, David	Telefon AB LM Ericsson		
	<i>history (event, available, version,</i> NP-09 18/10/2000 4 . 0 . 0 edito 24/10/2000 4 . 0 . 1 NP-10 22/12/2000 4 . 1 . 0 NP-11 06/04/2001 4 . 2 . 0 NP-12 28/06/2001 4 . 3 . 0 NP-14 11/01/2002 4 . 4 . 0 NP-17 17/09/2002 4 . 5 . 0 NP-18 06/01/2003 4 . 6 . 0 NP-19 27/03/2003 4 . 7 . 0	G: U: yes	<i>MCC:</i> BOSWARTHICK, David			
		get it	<i>remarks - general:</i> 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)			
		get it	<i>remarks - this release:</i>			
		get it				
		get it				
		get it				
		get it				
		get it				
		get it				
		get it				
<hr/>						
TR 23.911	Technical report on Out-of-band transcoder control					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>history (event, available, version,</i> NP-11 04/04/2001 4 . 0 . 0	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TR 23.912	Technical report on Super-Charger					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain KYMALAINEN, Kimmo	NORTEL NETWORKS (EUROPE)		
	<i>history (event, available, version,</i> NP-11 04/04/2001 4 . 0 . 0 NP-14 10/01/2002 4 . 1 . 0	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i>			

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.930 Iu Principles
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S2 / - *rapporteur:* AXERUD, Bo NOKIA TELECOMMUNICATIONS FINLAND
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
SP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

Rel-4 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration
Rel-4 *current version:* 4.1.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
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:*
NP-19 24/03/2003 4 . 1 . 0 [get it](#) *remarks - this release:*
correction of typo 02/06/2003 4 . 1 . 1 [get it](#)
on cover page

TS 24.007 Mobile radio interface signalling layer 3; General Aspects
Rel-4 *current version:* 4.2.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
NP-14 04/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-16 24/06/2002 4 . 2 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

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

Rel-4	<i>current version:</i> 4.11.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd
	<i>history (event, available, version,</i>	<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan	
	NP-09 12/10/2000	4 . 0 . 0	get it	<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	get it	<i>remarks - this release:</i> be resolved till Jun00.
	edito 09/01/2001	4 . 1 . 1	get it	
	NP-11 06/04/2001	4 . 2 . 0	get it	
	edito 06/07/2001	4 . 2 . 1	get it	replaces missing section of table
	NP-12 13/07/2001	4 . 3 . 0	get it	
	NP-13 04/10/2001	4 . 4 . 0	get it	
	NP-14 09/01/2002	4 . 5 . 0	get it	
	NP-15 21/03/2002	4 . 6 . 0	get it	
	NP-16 24/06/2002	4 . 7 . 0	get it	
	NP-17 17/09/2002	4 . 8 . 0	get it	
	NP-18 18/12/2002	4 . 9 . 0	get it	
	NP-19 24/03/2003	4 . 10 . 0	get it	
	NP-20 27/06/2003	4 . 11 . 0	get it	

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

Rel-4	<i>current version:</i> 4.2.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S
	<i>history (event, available, version,</i>	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo	
	NP-11 30/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
	NP-13 03/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
	NP-14 10/01/2002	4 . 2 . 0	get it	

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

Rel-4	<i>current version:</i> 4.1.1 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S
	<i>history (event, available, version,</i>	<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan	
	NP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4
	NP-15 19/03/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>
	fix headers, 28/06/2002	4 . 1 . 1	get it	
	restore missing figure			

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

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Server ACTIVE specs Rel-4 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices								
Rel-4	current version: 4.1.0	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-11 06/04/2001	4 . 0 . 0	get it	remarks - general:	CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link				
	NP-20 23/06/2003	4 . 1 . 0	get it	remarks - this release:	Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC)				
<hr/>									
TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3								
Rel-4	current version: 4.2.0	WG (prime / other):	N4 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	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:	TSG#7: txfrd from SMG to 3GPP for R99.				
	NP-12 27/06/2001	4 . 1 . 0	get it	remarks - this release:					
	NP-14 10/01/2002	4 . 2 . 0	get it						
<hr/>									
TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3								
Rel-4	current version: 4.1.0	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-11 04/04/2001	4 . 0 . 0	get it	remarks - general:					
	NP-12 27/06/2001	4 . 1 . 0	get it	remarks - this release:					
<hr/>									
TS 24.072	Call Deflection Supplementary Service; Stage 3								
Rel-4	current version: 4.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-11 04/04/2001	4 . 0 . 0	get it	remarks - general:					
	corrects 24/06/2002	4 . 0 . 1	get it	remarks - this release:					

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

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Server ACTIVE specs Rel-4 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 04/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-14 10/01/2002 4 . 2 . 0 [get it](#)
NP-16 21/06/2002 4 . 3 . 0 [get it](#)

TS 24.081 Line Identification Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
corrects 24/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

TS 24.082 Call Forwarding supplementary service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
correct references 25/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

TS 24.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
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:*
correct references 25/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

TS 24.084 MultiParty (MPTY) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
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:*
correct references 25/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

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

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Server ACTIVE specs Rel-4 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

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

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11

history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1

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

rapporteur: WIEHE, Ulrich
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

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

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

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11

history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1

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

rapporteur: WIEHE, Ulrich
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

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

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

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11

history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1

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

rapporteur: WIEHE, Ulrich
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

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

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

Rel-4 *current version:* 4.0.2
freeze_meeting: SP-11

history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1
correct history 23/07/2002 4 . 0 . 2

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

rapporteur: WIEHE, Ulrich
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

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

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

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11

history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1

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

rapporteur: BRUSS, Jörg
MCC: KYMALAINEN, Kimmo

ERICSSON Eurolab Deutschland GmbH

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

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

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Server ACTIVE specs Rel-4 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
correct references 25/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
correct references 25/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

TS 24.096 Name Identification Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
correct references 25/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

TS 24.135 Multicall supplementary service; Stage 3

Rel-4 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
freeze_meeting: SP-11 *G: U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-14 10/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
correct references 25/06/2002 4 . 1 . 1 [get it](#)

Rel-4 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

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

TS 25.101 User Equipment (UE) radio transmission and reception (FDD)

Rel-4 current version: 4.8.0
freeze_meeting: SP-11

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

history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0
RP-12 29/06/2001 4 . 1 . 0
RP-13 03/10/2001 4 . 2 . 0
RP-14 14/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 01/07/2002 4 . 5 . 0
RP-18 10/01/2003 4 . 6 . 0
RP-19 04/04/2003 4 . 7 . 0
RP-20 27/06/2003 4 . 8 . 0

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

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

Rel-4 current version: 4.7.0
freeze_meeting: SP-11

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

history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0
RP-12 29/06/2001 4 . 1 . 0
RP-13 10/10/2001 4 . 2 . 0
RP-14 14/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 01/07/2002 4 . 5 . 0
RP-17 02/10/2002 4 . 6 . 0
RP-18 10/01/2003 4 . 7 . 0

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

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

TS 25.104 Base Station (BS) radio transmission and reception (FDD)

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11

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

history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0
RP-12 29/06/2001 4 . 1 . 0
RP-13 03/10/2001 4 . 2 . 0
RP-14 14/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 01/07/2002 4 . 5 . 0
RP-18 10/01/2003 4 . 6 . 0
RP-19 04/04/2003 4 . 7 . 0

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

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

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11

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

history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0
RP-12 29/06/2001 4 . 1 . 0
RP-13 10/10/2001 4 . 2 . 0
RP-14 16/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 01/07/2002 4 . 5 . 0
RP-18 10/01/2003 4 . 6 . 0
RP-19 04/04/2003 4 . 7 . 0

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

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

TS 25.106 UTRA repeater radio transmission and reception

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11

WG (prime / other): R4 / - *rapporteur:* NILSSON, Martin Indicate persons who left Company and wait for new

G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar One

history (event, available, version,

Start of work 01/08/2000 0 . 0 . 1

RP-09 13/10/2000 1 . 0 . 0

RP-10 21/12/2000 1 . 1 . 0 RP-000596

RP-11 10/04/2001 4 . 0 . 0

RP-13 10/10/2001 4 . 1 . 0

RP-16 01/07/2002 4 . 2 . 0

RP-17 02/10/2002 4 . 3 . 0

RP-18 10/01/2003 4 . 4 . 0

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

RP-20 27/06/2003 4 . 6 . 0

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

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

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TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11

WG (prime / other): R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry

G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-11 10/04/2001 4 . 0 . 0

RP-12 29/06/2001 4 . 1 . 0

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

RP-17 02/10/2002 4 . 3 . 0

RP-18 10/01/2003 4 . 4 . 0

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

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

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

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

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

Rel-4 *current version:* 4.9.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	29/06/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	10/10/2001	4	.	2	.	0	get it	
RP-14	16/01/2002	4	.	3	.	0	get it	
RP-15	29/03/2002	4	.	4	.	0	get it	
RP-16	03/07/2002	4	.	5	.	0	get it	
RP-17	10/10/2002	4	.	6	.	0	get it	
RP-18	10/01/2003	4	.	7	.	0	get it	
RP-19	04/04/2003	4	.	8	.	0	get it	
RP-20	01/07/2003	4	.	9	.	0	get it	

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

Rel-4 *current version:* 4.9.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	29/06/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	10/10/2001	4	.	2	.	0	get it	
RP-14	17/01/2002	4	.	3	.	0	get it	
RP-15	29/03/2002	4	.	4	.	0	get it	
RP-16	04/07/2002	4	.	5	.	0	get it	
RP-17	04/10/2002	4	.	6	.	0	get it	
RP-18	10/01/2003	4	.	7	.	0	get it	
RP-19	04/04/2003	4	.	8	.	0	get it	
RP-20	01/07/2003	4	.	9	.	0	get it	

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

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

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

Rel-4 *current version:* 4.8.0
freeze_meeting: SP-11

WG (prime / other): R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0
RP-12 29/06/2001 4 . 1 . 0
RP-13 03/10/2001 4 . 2 . 0
RP-14 16/01/2002 4 . 3 . 0
RP-15 02/04/2002 4 . 4 . 0
RP-16 04/07/2002 4 . 5 . 0
RP-17 04/10/2002 4 . 6 . 0
RP-18 10/01/2003 4 . 7 . 0
RP-19 04/04/2003 4 . 8 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.142 Base Station (BS) conformance testing (TDD)

Rel-4 *current version:* 4.8.0
freeze_meeting: SP-11

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

history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0
RP-12 29/06/2001 4 . 1 . 0
RP-13 10/10/2001 4 . 2 . 0
RP-14 16/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 04/07/2002 4 . 5 . 0
RP-17 04/10/2002 4 . 6 . 0
RP-18 10/01/2003 4 . 7 . 0
RP-19 04/04/2003 4 . 8 . 0

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

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

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

TS 25.143 UTRA repeater conformance testing

Rel-4 *current version:* 4.8.0 *freeze_meeting:* RP-11
history (event, available, version,
Start of work 01/08/2000 0 . 0 . 0
RP-09 12/10/2000 0 . 0 . 2
RP-10 21/12/2000 1 . 0 . 0 RP-000671
RP-11 10/04/2001 4 . 0 . 0
RP-12 29/06/2001 4 . 1 . 0
RP-13 10/10/2001 4 . 2 . 0
RP-15 19/03/2002 4 . 3 . 0
RP-16 03/07/2002 4 . 4 . 0
RP-17 02/10/2002 4 . 5 . 0
RP-18 10/01/2003 4 . 6 . 0
RP-19 04/04/2003 4 . 7 . 0
RP-20 27/06/2003 4 . 8 . 0

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

[get it](#) *remarks - general:* Created by renumbering 25.107
[get it](#) *remarks - this release:* Was to have been 25.107. But never was.
[get it](#)
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TS 25.201 Physical layer - general description

Rel-4 *current version:* 4.3.0 *freeze_meeting:* SP-11
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0
RP-14 09/01/2002 4 . 1 . 0
RP-15 29/03/2002 4 . 2 . 0
RP-16 28/06/2002 4 . 3 . 0

WG (prime / other): R1 / - *rapporteur:* TOSKALA, Antti NOKIA Corporation
G: *U:* yes *MCC:* SASAKI, Tsukasa

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

TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

Rel-4 *current version:* 4.6.0 *freeze_meeting:* SP-11
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-13 08/10/2001 4 . 2 . 0
RP-14 09/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 28/06/2002 4 . 5 . 0
RP-17 27/09/2002 4 . 6 . 0

WG (prime / other): R1 / - *rapporteur:* WILDE, Andreas Telefon AB LM Ericsson
G: *U:* yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN access; U = required in systems with UMTS

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

TS 25.212	Multiplexing and channel coding (FDD)					
Rel-4	<i>current version:</i> 4.6.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TANAKA, Yoshinori	Fujitsu Limited	
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version,</i>					
	RP-11 05/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	RP-12 28/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	RP-13 08/10/2001	4 . 2 . 0	get it			
	RP-14 09/01/2002	4 . 3 . 0	get it			
	RP-15 29/03/2002	4 . 4 . 0	get it			
	RP-16 28/06/2002	4 . 5 . 0	get it			
	RP-17 27/09/2002	4 . 6 . 0	get it			
<hr/>						
TS 25.213	Spreading and modulation (FDD)					
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CHAMBERS, Peter	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version,</i>					
	RP-11 05/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	RP-12 28/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	RP-14 09/01/2002	4 . 2 . 0	get it			
	RP-16 28/06/2002	4 . 3 . 0	get it			
<hr/>						
TS 25.214	Physical layer procedures (FDD)					
Rel-4	<i>current version:</i> 4.6.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation	
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version,</i>					
	RP-11 05/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	RP-12 28/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	RP-13 08/10/2001	4 . 2 . 0	get it			
	RP-14 09/01/2002	4 . 3 . 0	get it			
	RP-15 29/03/2002	4 . 4 . 0	get it			
	RP-17 27/09/2002	4 . 5 . 0	get it			
	RP-19 04/04/2003	4 . 6 . 0	get it			

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

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

TS 25.215 Physical layer; Measurements (FDD)

Rel-4 *current version:* 4.7.0 *freeze_meeting:* SP-11
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-13 08/10/2001 4 . 2 . 0
RP-14 09/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-17 27/09/2002 4 . 5 . 0
RP-18 07/01/2003 4 . 6 . 0
RP-20 27/06/2003 4 . 7 . 0

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu
G: U: yes *MCC:* SASAKI, Tsukasa NEC Corporation

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

TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

Rel-4 *current version:* 4.7.0 *freeze_meeting:* SP-11
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-13 08/10/2001 4 . 2 . 0
RP-14 09/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 28/06/2002 4 . 5 . 0
RP-17 27/09/2002 4 . 6 . 0
RP-18 07/01/2003 4 . 7 . 0

WG (prime / other): R1 / - *rapporteur:* HIRAMATSU, Katsuhiko
G: U: yes *MCC:* SASAKI, Tsukasa Panasonic Mobile Communications Co.,Ltd.

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

TS 25.222 Multiplexing and channel coding (TDD)

Rel-4 *current version:* 4.6.0 *freeze_meeting:* SP-11
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0
RP-13 08/10/2001 4 . 1 . 0
RP-14 09/01/2002 4 . 2 . 0
RP-15 29/03/2002 4 . 3 . 0
RP-16 28/06/2002 4 . 4 . 0
RP-17 27/09/2002 4 . 5 . 0
RP-18 07/01/2003 4 . 6 . 0

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

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

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

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TS 25.223	Spreading and modulation (TDD)						
Rel-4	<i>current version:</i> 4.5.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-11 05/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 28/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 08/10/2001	4 . 2 . 0	get it				
	RP-14 09/01/2002	4 . 3 . 0	get it				
	RP-15 29/03/2002	4 . 4 . 0	get it				
	RP-18 07/01/2003	4 . 5 . 0	get it				
<hr/>							
TS 25.224	Physical layer procedures (TDD)						
Rel-4	<i>current version:</i> 4.8.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> OESTREICH, Stefan	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-11 05/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 28/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 08/10/2001	4 . 2 . 0	get it				
	RP-14 09/01/2002	4 . 3 . 0	get it				
	RP-15 29/03/2002	4 . 4 . 0	get it				
	RP-16 28/06/2002	4 . 5 . 0	get it				
	RP-17 27/09/2002	4 . 6 . 0	get it				
	RP-18 07/01/2003	4 . 7 . 0	get it				
	RP-19 04/04/2003	4 . 8 . 0	get it				
<hr/>							
TS 25.225	Physical layer; Measurements (TDD)						
Rel-4	<i>current version:</i> 4.7.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation		
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-11 05/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 28/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 08/10/2001	4 . 2 . 0	get it				
	RP-14 09/01/2002	4 . 3 . 0	get it				
	RP-16 28/06/2002	4 . 4 . 0	get it				
	RP-17 27/09/2002	4 . 5 . 0	get it				
	RP-18 07/01/2003	4 . 6 . 0	get it				
	RP-20 27/06/2003	4 . 7 . 0	get it				

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.301 Radio Interface Protocol Architecture

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R2 / - *rapporteur:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-14 04/01/2002 4 . 2 . 0 [get it](#)
RP-16 17/06/2002 4 . 3 . 0 [get it](#)
RP-17 18/09/2002 4 . 4 . 0 [get it](#)

TS 25.302 Services provided by the physical layer

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 02/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-16 17/06/2002 4 . 5 . 0 [get it](#)
RP-17 18/09/2002 4 . 6 . 0 [get it](#)
RP-18 20/12/2002 4 . 7 . 0 [get it](#)

TS 25.303 Interlayer procedures in Connected Mode

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 02/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-16 17/06/2002 4 . 5 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.304	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode					
Rel-4	current version: 4.7.0 freeze_meeting: SP-11	WG (prime / other): R2 / - G: U: yes	rapporteur: MAHKONEN, Marko MCC: ARZELIER, Claude			NOKIA Corporation
	history (event, available, version,					
	RP-11 27/03/2001	4 . 0 . 0	get it	remarks - general:		
	RP-12 27/06/2001	4 . 1 . 0	get it	remarks - this release:		
	RP-13 02/10/2001	4 . 2 . 0	get it			
	RP-14 04/01/2002	4 . 3 . 0	get it			
	RP-15 19/03/2002	4 . 4 . 0	get it			
	RP-16 17/06/2002	4 . 5 . 0	get it			
	RP-18 08/01/2003	4 . 6 . 0	get it			
	RP-20 25/06/2003	4 . 7 . 0	get it			

TS 25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2					
Rel-4	current version: 4.5.0 freeze_meeting: RP-11	WG (prime / other): R2 / - G: U: yes	rapporteur: MIHAILESCU, Claudiu MCC: ARZELIER, Claude			NORTEL NETWORKS (EUROPE)
	history (event, available, version,					
	RP-11 27/03/2001	4 . 0 . 0	get it	remarks - general:	Created from 25.923	
	RP-12 19/06/2001	4 . 1 . 0	get it	remarks - this release:		
	RP-14 04/01/2002	4 . 2 . 0	get it			
	RP-15 19/03/2002	4 . 3 . 0	get it			
	RP-19 25/03/2003	4 . 4 . 0	get it			
	RP-20 20/06/2003	4 . 5 . 0	get it			

TS 25.306	UE Radio Access capabilities definition					
Rel-4	current version: 4.7.0 freeze_meeting: SP-11	WG (prime / other): R2 / - G: U: yes	rapporteur: BERGGREN, Anders MCC: ARZELIER, Claude			Ericsson Incorporated
	history (event, available, version,					
	RP-11 27/03/2001	4 . 0 . 0	get it	remarks - general:	Converted from TR 25.926 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			
	RP-14 04/01/2002	4 . 3 . 0	get it			
	RP-15 19/03/2002	4 . 4 . 0	get it			
	RP-16 17/06/2002	4 . 5 . 0	get it			
	RP-18 08/01/2003	4 . 6 . 0	get it			
	RP-20 20/06/2003	4 . 7 . 0	get it			

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.307 Requirements on UEs supporting a release-independent frequency band

Rel-4 *current version:* 4.1.0 *WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-13 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-13 02/10/2001 4 . 0 . 0 [get it](#) *remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling
RP-14 04/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:* Expect continual updates each time a new band is allowed. requirements, R4 = RF &
RMM requirements.

TS 25.321 Medium Access Control (MAC) protocol specification

Rel-4 *current version:* 4.8.0 *WG (prime / other):* R2 / - *rapporteur:* STADLER, Thomas SIEMENS AG
freeze_meeting: RP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 02/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-16 17/06/2002 4 . 5 . 0 [get it](#)
RP-17 18/09/2002 4 . 6 . 0 [get it](#)
RP-18 08/01/2003 4 . 7 . 0 [get it](#)
RP-19 25/03/2003 4 . 8 . 0 [get it](#)

TS 25.322 Radio Link Control (RLC) protocol specification

Rel-4 *current version:* 4.9.0 *WG (prime / other):* R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 03/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-16 17/06/2002 4 . 5 . 0 [get it](#)
RP-17 19/09/2002 4 . 6 . 0 [get it](#)
RP-18 10/01/2003 4 . 7 . 0 [get it](#)
RP-19 25/03/2003 4 . 8 . 0 [get it](#)
RP-20 20/06/2003 4 . 9 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11

WG (prime / other): R2 / - *rapporteur:* HANS, Martin
G: U: yes *MCC:* ARZELIER, Claude SIEMENS AG

history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0
RP-12 19/06/2001 4 . 1 . 0
RP-13 02/10/2001 4 . 2 . 0
RP-14 04/01/2002 4 . 3 . 0
RP-15 19/03/2002 4 . 4 . 0
RP-16 17/06/2002 4 . 5 . 0
RP-17 18/09/2002 4 . 6 . 0

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

TS 25.324 Broadcast/Multicast Control (BMC)

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11

WG (prime / other): R2 / - *rapporteur:* HARTL, Mike
G: U: yes *MCC:* ARZELIER, Claude Vodafone D2 GmbH

history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0
RP-16 17/06/2002 4 . 1 . 0
RP-18 13/01/2003 4 . 2 . 0
RP-19 25/03/2003 4 . 3 . 0

[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 Rel-4 25 .- series
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TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-4	<i>current version:</i> 4.10.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> ARZELIER, Claude	
	<i>history (event, available, version,</i>		<i>U:</i> yes		
	RP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
	RP-12 27/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	RP-13 08/10/2001	4 . 2 . 0	get it		
replace ASN.1	16/10/2001	4 . 2 . 1	get it		
	RP-14 18/01/2002	4 . 3 . 0	get it		
	RP-15 25/03/2002	4 . 4 . 0	get it		
	RP-16 20/06/2002	4 . 5 . 0	get it		
	RP-17 20/09/2002	4 . 6 . 0	get it		
				Do not use this version: contains wrong ASN.1	
Misimplemented	23/09/2002	4 . 7 . 0	get it	v4.6.0 omitted ASN.1 in error	
RP-17 CR					
	RP-18 03/02/2003	4 . 8 . 0	get it		
	RP-19 27/03/2003	4 . 9 . 0	get it		
	RP-20 25/06/2003	4 . 10 . 0	get it		

TS 25.401 UTRAN overall description

Rel-4	<i>current version:</i> 4.6.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>		<i>U:</i> yes		
	RP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Approval at TSG#5	
	RP-12 06/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	RP-13 12/10/2001	4 . 2 . 0	get it		
	RP-15 02/04/2002	4 . 3 . 0	get it		
	RP-16 28/06/2002	4 . 4 . 0	get it		
	RP-17 30/09/2002	4 . 5 . 0	get it		
	RP-18 03/01/2003	4 . 6 . 0	get it		

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.402	Synchronisation in UTRAN Stage 2					
Rel-4	current version: 4.6.0 freeze_meeting: SP-11	WG (prime / other): R3 / -	rapporteur: PIOLINI, Flavio		Indicate persons who left Company and wait for new One	
	history (event, available, version,	G: U: yes	MCC: KRAUSE, Joern			
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general: New			
	RP-12 06/07/2001 4 . 1 . 0	get it	remarks - this release:			
	RP-13 12/10/2001 4 . 2 . 0	get it				
	RP-14 11/01/2002 4 . 3 . 0	get it				
	RP-15 02/04/2002 4 . 4 . 0	get it				
	RP-16 28/06/2002 4 . 5 . 0	get it				
	RP-18 03/01/2003 4 . 6 . 0	get it				

TS 25.410	UTRAN Iu Interface: General Aspects and Principles					
Rel-4	current version: 4.5.0 freeze_meeting: SP-11	WG (prime / other): R3 / -	rapporteur: TOWNEND, Richard		mmO2 plc	
	history (event, available, version,	G: U: yes	MCC: KRAUSE, Joern			
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general: Approval at TSG#5			
	RP-12 06/07/2001 4 . 1 . 0	get it	remarks - this release:			
	RP-13 12/10/2001 4 . 2 . 0	get it				
	RP-14 11/01/2002 4 . 3 . 0	get it				
	RP-16 28/06/2002 4 . 4 . 0	get it				
	RP-17 30/09/2002 4 . 5 . 0	get it				

TS 25.411	UTRAN Iu interface layer 1					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): R3 / -	rapporteur: BRANDT, Achim V.		SIEMENS AG	
	history (event, available, version,	G: U: yes	MCC: KRAUSE, Joern			
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general:			
	RP-12 06/07/2001 4 . 1 . 0	get it	remarks - this release:			

TS 25.412	UTRAN Iu interface signalling transport					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): R3 / -	rapporteur: THAKARE, Kiran		RadioScape Limited	
	history (event, available, version,	G: U: yes	MCC: KRAUSE, Joern			
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general:			
	RP-17 30/09/2002 4 . 1 . 0	get it	remarks - this release:			

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

Rel-4 *current version:* 4.9.0 *WG (prime / other):* R3 / - *rapporteur:* JUSSILA, Jyrki NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	06/07/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	12/10/2001	4	.	2	.	0	get it	
RP-14	14/01/2002	4	.	3	.	0	get it	
RP-15	02/04/2002	4	.	4	.	0	get it	
RP-16	05/07/2002	4	.	5	.	0	get it	
RP-17	03/10/2002	4	.	6	.	0	get it	
RP-18	03/01/2003	4	.	7	.	0	get it	
RP-19	26/03/2003	4	.	8	.	0	get it	
RP-20	17/06/2003	4	.	9	.	0	get it	

TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R3 / - *rapporteur:* COMSTOCK, David Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-13	12/10/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-14	14/01/2002	4	.	2	.	0	get it	
RP-15	02/04/2002	4	.	3	.	0	get it	
RP-16	28/06/2002	4	.	4	.	0	get it	
RP-18	03/01/2003	4	.	5	.	0	get it	
RP-19	26/03/2003	4	.	6	.	0	get it	

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.415 UTRAN Iu interface user plane protocols

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R3 / - *rapporteur:* MAUPIN, Alain *Telefon AB LM Ericsson*
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joem

history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	06/07/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	12/10/2001	4	.	2	.	0	get it	
RP-14	14/01/2002	4	.	3	.	0	get it	
RP-15	25/03/2002	4	.	4	.	0	get it	
RP-16	28/06/2002	4	.	5	.	0	get it	
RP-17	30/09/2002	4	.	6	.	0	get it	
RP-18	03/01/2003	4	.	7	.	0	get it	

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* R3 / - *rapporteur:* TAYLOR, Carolyn *MOTOROLA Ltd*
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joem

history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	06/07/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	12/10/2001	4	.	2	.	0	get it	
RP-14	11/01/2002	4	.	3	.	0	get it	
RP-15	25/03/2002	4	.	4	.	0	get it	
RP-16	28/06/2002	4	.	5	.	0	get it	
correct vers no. shown on doc	06/08/2002	4	.	5	.	1	get it	
RP-17	03/10/2002	4	.	6	.	0	get it	
RP-19	26/03/2003	4	.	7	.	0	get it	
RP-20	17/06/2003	4	.	8	.	0	get it	

TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R3 / - *rapporteur:* THAKARE, Kiran *RadioScape Limited*
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joem

history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-14	11/01/2002	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-15	02/04/2002	4	.	2	.	0	get it	

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

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

TS 25.421	UTRAN Iur interface Layer 1						
Rel-4	current version: 4.0.0	WG (prime / other):	R3 / -	rapporteur:	BRANDT, Achim V.	SIEMENS AG	
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-11 06/04/2001			get it	remarks - general:		
					remarks - this release:		
<hr/>							
TS 25.422	UTRAN Iur interface signalling transport						
Rel-4	current version: 4.2.0	WG (prime / other):	R3 / -	rapporteur:	THAKARE, Kiran	RadioScape Limited	
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-11 06/04/2001			get it	remarks - general:		
	RP-14 11/01/2002			get it	remarks - this release:		
edito post	RP-14 02/04/2002			get it			
	RP-17 03/10/2002			get it			
<hr/>							
TS 25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling						
Rel-4	current version: 4.9.0	WG (prime / other):	R3 / -	rapporteur:	RUNE, Göran	Ericsson AB	
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-11 06/04/2001			get it	remarks - general:		
	RP-12 06/07/2001			get it	remarks - this release:		
	RP-13 12/10/2001			get it			
	RP-14 11/01/2002			get it			
	RP-15 02/04/2002			get it			
	RP-16 05/07/2002			get it			
	RP-17 11/10/2002			get it			
	RP-18 03/01/2003			get it			
	RP-19 31/03/2003			get it			
	RP-20 17/06/2003			get it			

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

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

TS 25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams						
Rel-4	current version: 4.3.0	WG (prime / other):	R3 / -	rapporteur:	DREVON, Nicolas	ALCATEL S.A.	
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-11 06/04/2001	4 . 0 . 0	get it	remarks - general:			
	RP-14 11/01/2002	4 . 1 . 0	get it	remarks - this release:			
	RP-15 02/04/2002	4 . 2 . 0	get it				
	RP-16 28/06/2002	4 . 3 . 0	get it				
<hr/>							
TS 25.425	UTRAN Iur interface user plane protocols for CCH data streams						
Rel-4	current version: 4.3.0	WG (prime / other):	R3 / -	rapporteur:	DREVON, Nicolas	ALCATEL S.A.	
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-11 06/04/2001	4 . 0 . 0	get it	remarks - general:			
	RP-13 12/10/2001	4 . 1 . 0	get it	remarks - this release:			
	RP-14 11/01/2002	4 . 2 . 0	get it				
	RP-15 02/04/2002	4 . 3 . 0	get it				
<hr/>							
TS 25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams						
Rel-4	current version: 4.4.0	WG (prime / other):	R3 / -	rapporteur:	KEKKI, Sami	NOKIA Corporation	
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-11 06/04/2001	4 . 0 . 0	get it	remarks - general:			
	RP-14 11/01/2002	4 . 1 . 0	get it	remarks - this release:			
	RP-15 02/04/2002	4 . 2 . 0	get it				
	RP-16 28/06/2002	4 . 3 . 0	get it				
	RP-17 03/10/2002	4 . 4 . 0	get it				
<hr/>							
TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams						
Rel-4	current version: 4.4.0	WG (prime / other):	R3 / -	rapporteur:	LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND	
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-11 06/04/2001	4 . 0 . 0	get it	remarks - general:			
	RP-12 06/07/2001	4 . 1 . 0	get it	remarks - this release:			
	RP-13 12/10/2001	4 . 2 . 0	get it				
	RP-14 11/01/2002	4 . 3 . 0	get it				
	RP-18 03/01/2003	4 . 4 . 0	get it				

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

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

TS 25.430 UTRAN Iub Interface: General Aspects and Principles

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11

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

FUJITSU Laboratories of Europe Limited

history (event, available, version,
RP-11 06/04/2001 4 . 0 . 0
RP-12 06/07/2001 4 . 1 . 0
RP-14 11/01/2002 4 . 2 . 0
RP-16 28/06/2002 4 . 3 . 0
RP-17 03/10/2002 4 . 4 . 0

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

TS 25.431 UTRAN Iub interface Layer 1

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11

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

SIEMENS AG

history (event, available, version,
RP-11 06/04/2001 4 . 0 . 0

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

TS 25.432 UTRAN Iub interface: signalling transport

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11

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

FUJITSU Laboratories of Europe Limited

history (event, available, version,
RP-11 06/04/2001 4 . 0 . 0

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

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

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

TS 25.433	UTRAN Iub interface NBAP signalling					
Rel-4	current version: 4.9.0	WG (prime / other):	R3 / -	rapporteur:	ISHIKAWA, Nobutaka	NTT DoCoMo Inc
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-11 06/04/2001	4 . 0 . 0	get it	remarks - general:		
	RP-12 06/07/2001	4 . 1 . 0	get it	remarks - this release:		
	RP-13 12/10/2001	4 . 2 . 0	get it			
	edito 23/10/2001	4 . 2 . 1	get it			
	RP-14 11/01/2002	4 . 3 . 0	get it			
	RP-15 04/04/2002	4 . 4 . 0	get it			
	RP-16 19/07/2002	4 . 5 . 0	get it			
	RP-17 11/10/2002	4 . 6 . 0	get it			
	RP-18 03/01/2003	4 . 7 . 0	get it			
	RP-19 31/03/2003	4 . 8 . 0	get it			
	RP-20 17/06/2003	4 . 9 . 0	get it			

TS 25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams					
Rel-4	current version: 4.4.0	WG (prime / other):	R3 / -	rapporteur:	ALDEN, Magnus	TeliaSonera AB
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-11 06/04/2001	4 . 0 . 0	get it	remarks - general:		
	RP-12 06/07/2001	4 . 1 . 0	get it	remarks - this release:		
	RP-14 11/01/2002	4 . 2 . 0	get it			
	RP-15 02/04/2002	4 . 3 . 0	get it			
	RP-16 28/06/2002	4 . 4 . 0	get it			

TS 25.435	UTRAN Iub interface user plane protocols for CCH data streams					
Rel-4	current version: 4.5.0	WG (prime / other):	R3 / -	rapporteur:	CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-11 06/04/2001	4 . 0 . 0	get it	remarks - general:		
	RP-12 06/07/2001	4 . 1 . 0	get it	remarks - this release:		
	RP-13 12/10/2001	4 . 2 . 0	get it			
	RP-14 11/01/2002	4 . 3 . 0	get it			
	RP-15 02/04/2002	4 . 4 . 0	get it			
	RP-17 03/10/2002	4 . 5 . 0	get it			

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.442	UTRAN implementation-specific O&M transport					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): R3 / -	rapporteur: RECKER, Stephan	Indicate persons who left Company and wait for new One		
	history (event, available, version, RP-11 06/04/2001 4 . 0 . 0	G: U: yes	MCC: KRAUSE, Joern			
		get it	remarks - general: remarks - this release:			
<hr/>						
TR 25.832	Manifestations of Handover and SRNS relocation					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): R3 / -	rapporteur: TOWNEND, Richard	mmO2 plc		
	history (event, available, version, RP-11 06/04/2001 4 . 0 . 0	G: U: yes	MCC: KRAUSE, Joern			
		get it	remarks - general: remarks - this release: RP-15: No upgrade to Rel-5.			
<hr/>						
TR 25.834	UTRA TDD low chip rate option; Radio protocol aspects					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): R2 / -	rapporteur: LIU, YanHui	CATT		
	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	G: U: yes	MCC: ARZELIER, Claude			
		get it	remarks - general: remarks - this release: RP-15: Not to be promoted to Rel-5.			
		get it				
		get it				
		get it				
		get it				
		get it				
<hr/>						
TR 25.836	Node B synchronization for TDD					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): R1 / -	rapporteur: OESTREICH, Stefan	SIEMENS AG		
	history (event, available, version, RP-10 12/01/2001 4 . 0 . 0 RP-11 05/04/2001 4 . 1 . 0	G: U: yes	MCC: SASAKI, Tsukasa			
		get it	remarks - general: remarks - this release: RP-15: Not to be promoted to Rel-5.			
		get it				

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

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Server ACTIVE specs Rel-4 25 .- series
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TR 25.838	Node B Synchronisation for TDD (lub/lur aspects)								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> LENHART, Johannes	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>								
	draft 15/07/2000	0	. 0	. 1	get it	<i>remarks - general:</i>			
	RP-09 21/09/2000	0	. 1	. 0	get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.			
	RP-10 21/12/2000	0	. 1	. 1	get it				
	RP-11 06/04/2001	4	. 0	. 0	get it				
	RP-14 11/01/2002	4	. 1	. 0	get it				

TR 25.840	Terminal power saving features								
Rel-4	<i>current version:</i> 2.3.0	DRAFT			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> SASAKI, Tsukasa			
	<i>freeze_meeting:</i> SP-11				<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>								
	RP-09 28/09/2000	1	. 0	. 0	get it	<i>remarks - general:</i>			
	RP-10 12/01/2001	2	. 0	. 0	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.			
	RP-11 05/04/2001	2	. 3	. 0	get it				

TR 25.841	DSCH power control improvement in soft handover								
Rel-4	<i>current version:</i> 4.1.0				<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TOSKALA, Antti	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11				<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>								
	RP-09 28/09/2000	1	. 0	. 0	get it	<i>remarks - general:</i>			
	RP-10 12/01/2001	4	. 0	. 0	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.			
	RP-11 04/04/2001	4	. 1	. 0	get it				

TR 25.842	Smart antenna								
Rel-4	<i>current version:</i> 1.0.0	DRAFT			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HU, Jinling	CATT		
	<i>freeze_meeting:</i> SP-11				<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>								
	RP-09 12/01/2001	1	. 0	. 0	get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> .RP-15: Not to be promoted to Rel-5. Post-RP-20: info received that the corresponding work item was stopped at RP-10, so expect this TR to be scrapped at RP-21.			

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

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Server ACTIVE specs Rel-4 25 .- series
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TR 25.843	1,28 Mcps TDD UE Radio Access Capabilities								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> ZHU, Yifei	CATT			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	RP-10 20/12/2000	4	.	0	.	0	get it	<i>remarks - general:</i>	
	RP-11 27/03/2001	4	.	1	.	0	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.	
<hr/>									
TR 25.844	Radio acces bearer support enhancements								
Rel-4	<i>current version:</i> 4.3.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KRISHNARAJAH, Ainkaran	Ericsson AB			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	RP-10 20/12/2000	1	.	0	.	0	get it	<i>remarks - general:</i>	RP-000560
	RP-11 27/03/2001	4	.	0	.	0	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.	
	RP-13 02/10/2001	4	.	1	.	0	get it		
	RP-16 17/06/2002	4	.	2	.	0	get it		
	RP-17 18/09/2002	4	.	3	.	0	get it		
<hr/>									
TR 25.847	UE positioning enhancements								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> BECKMANN, Mark	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	draft 10/11/2000	0	.	1	.	0	get it	<i>remarks - general:</i>	
	RP-10 20/12/2000	1	.	0	.	0	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.	
	RP-11 27/03/2001	4	.	0	.	0	get it		
<hr/>									
TR 25.848	Physical Layer Aspects of UTRA High Speed Downlink Packet Access								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation			
	<i>freeze_meeting:</i> SP-10			<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-11 05/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.	

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

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

TR 25.849	DSCH power control improvement in soft handover								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> WOONHEE, Hwang	NOKIA Corporation				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.					
<hr/>									
TR 25.850	UE positioning in UTRAN lub/lur protocol aspects								
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HAUTALA, Jari	NOKIA Corporation				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version,</i>								
	RP-10 21/12/2000	0 . 0 . 2	get it	<i>remarks - general:</i>					
	draft 21/12/2000	0 . 1 . 0	get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.					
	RP-11 06/04/2001	4 . 0 . 0	get it						
	RP-12 06/07/2001	4 . 1 . 0	get it						
	RP-13 12/10/2001	4 . 2 . 0	get it						
	RP-14 11/01/2002	4 . 3 . 0	get it						
<hr/>									
TR 25.851	RAB Quality of Service (QoS) Renegotiation over lu								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> IRWIN, Sania	MOTOROLA GmbH				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version,</i>								
	RP-10 21/12/2000	0 . 0 . 2	get it	<i>remarks - general:</i>					
	RP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.					
<hr/>									
TR 25.853	Delay budget within the access stratum								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DELL'ACQUA, Massimo	Indicate persons who left Company and wait for new One				
	<i>freeze_meeting:</i> RP-11		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Was 25.932. Approved and renumbered at TSG#10.					
				<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.					

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					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KALLA, Gairn	NOKIA UK Ltd		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-11 27/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	RP-12 19/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	RP-13 02/10/2001	4 . 2 . 0	get it			
	RP-14 04/01/2002	4 . 3 . 0	get it			
	RP-15 19/03/2002	4 . 4 . 0	get it			
	RP-18 13/01/2003	4 . 5 . 0	get it			

TR 25.922	Radio Resource Management Strategies					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BULDORINI, Andrea	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-11 27/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	RP-13 02/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	RP-15 19/03/2002	4 . 2 . 0	get it			

TR 25.928	1,28 Mcps functionality for UTRA TDD physical layer					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> AKSENTIJEVIC, Mirko	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>					
	RP-07	0 . 0 . 2		<i>remarks - general:</i> Created R1#10, Jan 99.		
	RP-07 15/03/2000	0 . 0 . 3	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.		
	RP-08	0 . 2 . 0				
	RP-08 23/06/2000	1 . 0 . 0	get it			
	RP-09 11/01/2001	1 . 1 . 0	get it			
	RP-11 06/04/2001	4 . 0 . 0	get it			
	edito 10/04/2001	4 . 0 . 1	get it			

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

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

TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R3 / - *rapporteur:* CASALINO, Francesco TELECOM ITALIA S.p.A.
freeze_meeting: SP-07 *G:* U: yes *MCC:* KRAUSE, Joern

history (event, available, version,
RP-11 30/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 05/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-14 11/01/2002 4 . 2 . 0 [get it](#)
RP-15 02/04/2002 4 . 3 . 0 [get it](#)
RP-16 28/06/2002 4 . 4 . 0 [get it](#)

TR 25.934 AAL2 QoS optimization

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R3 / - *rapporteur:* YOSHIMURA, Takayuki J-Phone Co., Ltd.
freeze_meeting: SP-11 *G:* U: yes *MCC:* KRAUSE, Joern

history (event, available, version,
draft 25/04/2000 0 . 0 . 0 [get it](#) *remarks - general:*
draft 16/05/2000 0 . 0 . 1 [get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
RP-09 28/09/2000 0 . 2 . 0 [get it](#)
RP-10 21/12/2000 0 . 2 . 1 RP-000646 [get it](#)
RP-11 06/04/2001 4 . 0 . 0 [get it](#)

TR 25.935 RRM optimisation

Rel-4 *current version:* 4.1.0 *WG (prime / other):* R3 / - *rapporteur:* VAN LIESHOUT, SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G:* U: yes *MCC:* KRAUSE, Joern

history (event, available, version,
Start of work 01/08/2000 0 . 0 . 0 [get it](#) *remarks - general:*
draft 15/07/2000 0 . 0 . 1 [get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
R3-15 15/08/2000 0 . 1 . 0 [get it](#)
RP-10 21/12/2000 0 . 1 . 1 [get it](#)
draft 16/10/2000 1 . 0 . 0 [get it](#)
RP-11 06/04/2001 4 . 0 . 0 [get it](#)
RP-15 25/03/2002 4 . 1 . 0 [get it](#)

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

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

TR 25.936 Handover for realtime services from PS-domain

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* MOUSSET, Claire NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,
Start of work 01/07/2000 0 . 0 . 0
draft 15/07/2000 0 . 0 . 1
R3-15 01/09/2000 0 . 1 . 0
RP-10 21/12/2000 0 . 3 . 0
RP-11 06/04/2001 4 . 0 . 0
formatting 09/01/2002 4 . 0 . 1
corrections

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
[get it](#)
[get it](#)
[get it](#)

TR 25.937 UTRAN TDD low chiprate

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* XU, Bing HuaWei Technologies Co., Ltd
G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,
draft 01/08/2000 0 . 0 . 0
draft 15/08/2000 0 . 0 . 1
R3-15 30/08/2000 0 . 1 . 0
RP-10 21/12/2000 0 . 3 . 1 RP-000686
RP-11 06/04/2001 4 . 0 . 0
RP-13 12/10/2001 4 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)
[get it](#)

TR 25.942 RF system scenarios

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-12

WG (prime / other): R4 / - *rapporteur:* BENABDALLAH, Nadia Vodafone Omnitel N.V
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-11 10/10/2001 4 . 0 . 0 expected post RP-12
RP-14 14/01/2002 4 . 1 . 0
RP-16 03/07/2002 4 . 2 . 0

[get it](#) *remarks - general:* Additional rapporteur = A.De Pasquale.
[get it](#) *remarks - this release:*
[get it](#)

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

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Server ACTIVE specs Rel-4 25 .- series
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TR 25.943	Deployment aspects						
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SKÖLD, Johan	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-12		<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version,</i>						
	R4-09	0 . 0 . 1				<i>remarks - general:</i>	
	R4-11	0 . 1 . 0				<i>remarks - this release:</i>	
	RP-08 23/06/2000	2 . 0 . 0					get it
	RP-12	2 . 1 . 0					RP-010437
	RP-12 29/06/2001	4 . 0 . 0					get it
	RP-14 16/01/2002	4 . 1 . 0					get it
	RP-16 03/07/2002	4 . 2 . 0					get it
TR 25.944	Channel coding and multiplexing examples						
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation		
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-11 06/04/2001	4 . 0 . 0				<i>remarks - general:</i>	Created Jan 2000 (aka R1.04)
	edito 10/04/2001	4 . 0 . 1				<i>remarks - this release:</i>	RP-15: Not to be promoted to Rel-5.
	RP-12 28/06/2001	4 . 1 . 0					get it
TR 25.945	RF requirements for low chip rate TDD option						
Rel-4	<i>current version:</i> 4.1.1		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> ZHANG, Daijun	CATT		
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version,</i>						
	RP-09	0 . 3 . 0				<i>remarks - general:</i>	
	RP-10 21/12/2000	2 . 0 . 0				<i>remarks - this release:</i>	
	RP-11 28/05/2001	4 . 0 . 0					Cosmetically too nasty to publish as ETSI TR (TS??)
	RP-13 10/10/2001	4 . 1 . 0					get it
	fix layout prob 10/10/2001	4 . 1 . 1					get it

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

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

TR 25.946	RAB Quality of Service (QoS) Negotiation over lu					
Rel-4	current version: 4.0.0	WG (prime / other):	R3 / -	rapporteur:	MOLANDER, Anders	Telefon AB LM Ericsson
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	draft 15/08/2000			get it	remarks - general:	
	R3-15 30/08/2000			get it	remarks - this release:	RP-15: No upgrade to Rel-5.
	RP-10 21/12/2000			get it		
	RP-11 06/04/2001			get it		
						RP-000656
						0 . 0 . 1 0 . 1 . 0 0 . 1 . 1 4 . 0 . 0
<hr/>						
TR 25.950	UTRA high speed downlink packet access					
Rel-4	current version: 4.0.0	WG (prime / other):	R2 / -	rapporteur:	KUCHIBHOTLA, Ravi	MOTOROLA Ltd
	freeze_meeting: SP-11	G:	U: yes	MCC:	ARZELIER, Claude	
	history (event, available, version,					
	draft 07/11/2000			get it	remarks - general:	
	RP-11 27/03/2001			get it	remarks - this release:	RP-15: Not to be promoted to Rel-5.
						0 . 0 . 0 4 . 0 . 0
<hr/>						
TR 25.953	TrFO/TFO					
Rel-4	current version: 4.0.0	WG (prime / other):	R3 / -	rapporteur:	VESELY, Alexander	SIEMENS AG
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-10 21/12/2000			get it	remarks - general:	
	RP-11 06/04/2001			get it	remarks - this release:	RP-15: No upgrade to Rel-5.
						0 . 0 . 3 4 . 0 . 0
						RP-000664
<hr/>						
TR 25.954	Migration to modification procedure					
Rel-4	current version: 4.0.0	WG (prime / other):	R3 / -	rapporteur:	YOSHIMURA, Takayuki	J-Phone Co., Ltd.
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-11 06/04/2001			get it	remarks - general:	
					remarks - this release:	RP-15: No upgrade to Rel-5.
						4 . 0 . 0
<hr/>						
TR 25.956	UTRA repeater: Planning guidelines and system analysis					
Rel-4	current version: 4.0.0	WG (prime / other):	R4 / -	rapporteur:	GARCIA LOPEZ, Lorena	TELEFONICA DE ESPAÑA SA
	freeze_meeting: RP-11	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar	
	history (event, available, version,					
	RP-11 10/04/2001			get it	remarks - general:	
					remarks - this release:	
						4 . 0 . 0

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

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

TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)
Rel-4 *current version:* 4.0.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-18 13/01/2003 4 . 0 . 0 Back creation from Rel-6 version [get it](#) *remarks - general:*
remarks - this release: Pointer to latest release version.

Rel-4 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.071 AMR speech Codec; General description
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release:

TS 26.073 AMR speech Codec; C-source code
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
SP-14 09/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

TS 26.074 AMR speech Codec; Test sequences
Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
corrected tests 04/07/2001 4 . 0 . 1 [get it](#) *remarks - this release:*

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

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Server ACTIVE specs Rel-4 26 .- series
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TS 26.077	Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U: yes	rapporteur: USAI, Paolino MCC: USAI, Paolino	TELECOM ITALIA S.p.A.					
history (event, available, version, SP-11 10/04/2001 4 . 0 . 0		get it	remarks - general: remarks - this release:						
<hr/>									
TS 26.090	AMR speech Codec; Transcoding Functions								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U: yes	rapporteur: EKUDDEN, Erik MCC: USAI, Paolino	Telefon AB LM Ericsson					
history (event, available, version, SP-11 07/04/2001 4 . 0 . 0		get it	remarks - general: Transfer>TSG#4 remarks - this release:						
<hr/>									
TS 26.091	AMR speech Codec; Error concealment of lost frames								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U: yes	rapporteur: EKUDDEN, Erik MCC: USAI, Paolino	Telefon AB LM Ericsson					
history (event, available, version, SP-11 10/04/2001 4 . 0 . 0		get it	remarks - general: Transfer>TSG#4 remarks - this release:						
<hr/>									
TS 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U: yes	rapporteur: EKUDDEN, Erik MCC: USAI, Paolino	Telefon AB LM Ericsson					
history (event, available, version, SP-11 10/04/2001 4 . 0 . 0		get it	remarks - general: Transfer>TSG#4 remarks - this release:						
<hr/>									
TS 26.093	AMR speech Codec; Source Controlled Rate operation								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U: yes	rapporteur: EKUDDEN, Erik MCC: USAI, Paolino	Telefon AB LM Ericsson					
history (event, available, version, SP-10 21/12/2000 4 . 0 . 0		get it	remarks - general: Transfer>TSG#4 remarks - this release:						

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Server ACTIVE specs Rel-4 26 .- series
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TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4				
				<i>remarks - this release:</i>					
<hr/>									
TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	HAGQVIST, Jari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: U: yes		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>					
	SP-12 27/06/2001 4 . 1 . 0	get it		<i>remarks - this release:</i>					
	SP-15 28/03/2002 4 . 2 . 0	get it							
<hr/>									
TS 26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	NAVARRO, William	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>					
	SP-19 04/04/2003 4 . 1 . 0	get it		<i>remarks - this release:</i>					
<hr/>									
TS 26.103	Speech codec list for GSM and UMTS								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	HELLWIG, Karl	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-10 21/12/2000 4 . 0 . 0	get it		<i>remarks - general:</i>	New after TSG#5				
	SP-11 10/04/2001 4 . 1 . 0	get it		<i>remarks - this release:</i>					
	SP-14 09/01/2002 4 . 2 . 0	get it							
	SP-16 28/06/2002 4 . 3 . 0	get it							

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Server ACTIVE specs Rel-4 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-4	current version: 4.5.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U: yes		rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.
	history (event, available, version, SP-10 21/12/2000 4 . 0 . 0 SP-12 27/06/2001 4 . 1 . 0 bug fix 29/06/2001 4 . 1 . 1 SP-13 02/10/2001 4 . 2 . 0 SP-15 28/03/2002 4 . 3 . 0 SP-19 04/04/2003 4 . 4 . 0 SP-20 25/06/2003 4 . 5 . 0	get it get it get it get it get it get it get it	remarks - general: remarks - this release:			
TS 26.110	Codec for circuit switched multimedia telephony service; General description					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U: yes		rapporteur: ARONSON, Barry MCC: USAI, Paolino		TOSHIBA CO
	history (event, available, version, SP-09 10/10/2000 4 . 0 . 0 SP-11 10/04/2001 4 . 1 . 0	get it get it	remarks - general: remarks - this release:			
TS 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U: yes		rapporteur: ARONSON, Barry MCC: USAI, Paolino		TOSHIBA CO
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0	get it	remarks - general: CR at TSG#5 remarks - this release:			
TS 26.115	Echo control for speech and multi-media services					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: U: yes		rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0	get it	remarks - general: remarks - this release: Derived from 26.914 R99.			

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

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Server ACTIVE specs Rel-4 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.131 Terminal acoustic characteristics for telephony; Requirements

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
SP-13 02/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-17 24/09/2002 4 . 2 . 0 [get it](#)

TS 26.132 Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
SP-13 02/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-15 28/03/2002 4 . 2 . 0 [get it](#)
SP-17 24/09/2002 4 . 3 . 0 [get it](#)

TS 26.233 End-to-end transparent streaming service; General description

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
draft 02/11/2000 0 . 1 . 0 [get it](#) *remarks - general:*
SP-10 21/12/2000 1 . 0 . 0 [get it](#) *remarks - this release:*
SP-11 10/04/2001 4 . 0 . 0 [get it](#)
SP-14 09/01/2002 4 . 1 . 0 [get it](#)
SP-15 28/03/2002 4 . 2 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 26 .- series
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TS 26.234	Transparent end-to-end streaming service; Protocols and codecs						
Rel-4	current version: 4.5.0	WG (prime / other):	S4 / -	rapporteur:	FRANCESCHI, Olle	Nippon Ericsson K.K.	
	freeze_meeting: SP-11	G: U: yes		MCC:	USAI, Paolino		
	history (event, available, version,						
	draft 19/10/2000	0 . 0 . 1	get it	remarks - general:			
	draft 26/10/2000	0 . 0 . 2	get it	remarks - this release:			
	draft 02/11/2000	0 . 0 . 3	get it				
	SP-10 21/12/2000	1 . 0 . 0	get it				SP-000566
	SP-11 10/04/2001	4 . 0 . 0	get it				
	SP-13 02/10/2001	4 . 1 . 0	get it				
	SP-14 09/01/2002	4 . 2 . 0	get it				
	SP-15 28/03/2002	4 . 3 . 0	get it				
	SP-16 28/06/2002	4 . 4 . 0	get it				
	SP-18 03/01/2003	4 . 5 . 0	get it				
<hr/>							
TR 26.901	AMR wideband speech codec; Feasibility study report						
Rel-4	current version: 4.0.1	WG (prime / other):	S4 / -	rapporteur:	OHANA, Alain	Cingular Wireless LLC	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	USAI, Paolino		
	history (event, available, version,						
	SP-07 17/03/2000	2 . 0 . 0	get it	remarks - general:			
	SP-07 17/03/2000	4 . 0 . 0	get it	remarks - this release:			
	edito 26/04/2000	4 . 0 . 1	get it				
<hr/>							
TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide						
Rel-4	current version: 4.2.0	WG (prime / other):	S4 / -	rapporteur:	HAAVISTO, Petri	Nokia Research Center	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	USAI, Paolino		
	history (event, available, version,						
	SP-10 21/12/2000	4 . 0 . 0	get it	remarks - general:			
	SP-11 10/04/2001	4 . 1 . 0	get it	remarks - this release:			
	SP-19 04/04/2003	4 . 2 . 0	get it				
<hr/>							
TR 26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G						
Rel-4	current version: 4.0.0	WG (prime / other):	S4 / -	rapporteur:	FRANCESCHI, Olle	Nippon Ericsson K.K.	
	freeze_meeting: SP-11	G: U: yes		MCC:	USAI, Paolino		
	history (event, available, version,						
	SP-11 10/04/2001	4 . 0 . 0	get it	remarks - general:			
				remarks - this release:	2002-06-18: not useful to upgrade to Rel-5?		

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

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Server ACTIVE specs Rel-4 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec						
Rel-4	<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	get it	<i>remarks - general:</i> Replaces 26.075. 2001-10-02: Also for GSM.				
	SP-13 02/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>				

TR 26.978	Results of the AMR noise suppression selection phase						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Replaces 26.078				
			<i>remarks - this release:</i> Replaces 26.078				

Rel-4 **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)						
Rel-4	<i>current version:</i> 4.10.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>						
	NP-08 28/06/2000 4 . 0 . 0	get it	<i>remarks - general:</i>				
	NP-09 23/10/2000 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	NP-10 04/01/2001 4 . 2 . 0	get it					
	NP-11 05/04/2001 4 . 3 . 0	get it					
	NP-12 04/07/2001 4 . 4 . 0	get it					
	NP-13 10/10/2001 4 . 5 . 0	get it					
	NP-14 11/01/2002 4 . 6 . 0	get it					
	NP-15 20/03/2002 4 . 7 . 0	get it					
	NP-17 17/09/2002 4 . 8 . 0	get it					
	NP-19 27/03/2003 4 . 9 . 0	get it					
	NP-20 25/06/2003 4 . 10 . 0	get it					

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

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Server ACTIVE specs Rel-4 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-09 (probably) 12/10/2000	4 . 0 . 0	get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-10 22/12/2000	4 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-11 02/04/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
<hr/>						
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	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	TP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	TP-13 04/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	TP-16 25/06/2002	4 . 2 . 0	get it			
<hr/>						
TS 27.007	AT command set for 3G User Equipment (UE)					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> CHRISTENSEN, Soren	Telefon AB LM Ericsson		
	<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	get it	<i>remarks - general:</i>		
	TP-11 11/04/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	TP-12 04/07/2001	4 . 2 . 0	get it			
	TP-14 15/01/2002	4 . 3 . 0	get it			
	TP-15 04/04/2002	4 . 4 . 0	get it			
	TP-18 20/12/2002	4 . 5 . 0	get it			
	TP-19 31/03/2003	4 . 6 . 0	get it			

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

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http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BROOK, Richard	SAMSUNG Electronics Research Institute					
	<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	get it	<i>remarks - general:</i>						
	TP-13 04/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>						
	TP-15 25/03/2002 4 . 2 . 0	get it							
<hr/>									
TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services								
Rel-4	<i>current version:</i> 4.3.1	<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	get it	<i>remarks - general:</i> GPRS						
	NP-16 24/06/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>						
	NP-17 17/09/2002 4 . 2 . 0	get it							
	NP-20 23/06/2003 4 . 3 . 0	get it							
	edito post NP-20: 01/07/2003 4 . 3 . 1	get it							
	corrects typo								
	(wrong version no.								
	on cover)								
<hr/>									
TS 27.103	Wide Area Network Synchronization								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> CHAU, Alan	NOKIA UK Ltd					
	<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	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<hr/>									
TR 27.901	Report on Terminal Interfaces - An Overview								
Rel-4	<i>current version:</i> 4.1.0	<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	get it	<i>remarks - general:</i>						
	TP-15 26/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>						

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

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Server ACTIVE specs Rel-4 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TR 27.903 Discussion of synchronization standards

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
TP-11 02/04/2001 4 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.
G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release: TP-15: Not to be promoted to Rel-5.

Rel-4 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

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

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,
SP-05 13/10/1999 0 . 0 . 0
SP-09 18/10/2000 0 . 0 . 3
SP-10 21/12/2000 1 . 0 . 0 NP-000568
draft 08/02/2001 1 . 1 . 0
SP-11 10/04/2001 4 . 0 . 0
SP-12 27/06/2001 4 . 1 . 0
edito 01/10/2001 4 . 1 . 1
SP-14 09/01/2002 4 . 2 . 0
SP-15 28/03/2002 4 . 3 . 0
SP-16 28/06/2002 4 . 4 . 0
SP-18 03/01/2003 4 . 5 . 0

WG (prime / other): S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG
G: yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.

Rel-4 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

Rel-4 current version: 4.12.0
freeze_meeting: SP-11

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

rapporteur: WIEHE, Ulrich
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

history (event, available, version,

NP-08	23/06/2000	4	.	0	.	0
edito	04/08/2000	4	.	0	.	1
edito	11/08/2000	4	.	0	.	2
NP-09	26/10/2000	4	.	1	.	0
NP-10	20/12/2000	4	.	2	.	0
edito	01/02/2001	4	.	2	.	1
NP-11	06/04/2001	4	.	3	.	0
NP-12	06/07/2001	4	.	4	.	0
edito	16/08/2001	4	.	4	.	1
NP-13	03/10/2001	4	.	5	.	0
NP-14	18/01/2002	4	.	6	.	0
NP-15	04/04/2002	4	.	7	.	0
NP-16	21/06/2002	4	.	8	.	0
NP-17	24/09/2002	4	.	9	.	0
NP-18	09/01/2003	4	.	10	.	0
NP-19	04/04/2003	4	.	11	.	0
NP-20	04/07/2003	4	.	12	.	0

delayed availability due to complexity
of changes

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

Rel-4 current version: 4.8.0
freeze_meeting: SP-11

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

rapporteur: KLEHN, Norbert
MCC: BOSWARTHICK, David

SIEMENS AG

history (event, available, version,

NP-09	12/10/2000	4	.	0	.	0
NP-10	04/01/2001	4	.	1	.	0
NP-11	29/03/2001	4	.	2	.	0
NP-14	11/01/2002	4	.	3	.	0
NP-16	24/06/2002	4	.	4	.	0
NP-17	17/09/2002	4	.	5	.	0
NP-18	09/01/2003	4	.	6	.	0
NP-19	27/03/2003	4	.	7	.	0
NP-20	23/06/2003	4	.	8	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling						
Rel-4	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	4.6.0WG (prime / other):	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo	
	TeliaSonera AB						
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>						
	NP-11 30/03/2001	4	.	0	.	0	
	NP-12 06/07/2001	4	.	1	.	0	get it <i>remarks - general:</i> Transfer>TSG#4 (transfer??)
	NP-14 11/01/2002	4	.	2	.	0	get it <i>remarks - this release:</i>
	NP-16 21/06/2002	4	.	3	.	0	get it
	NP-17 18/09/2002	4	.	4	.	0	get it
	NP-18 07/01/2003	4	.	5	.	0	get it
	NP-20 27/06/2003	4	.	6	.	0	get it

TS 29.011	Signalling Interworking for Supplementary Services						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001	4	.	0	.	0	get it <i>remarks - general:</i>
	correct references 25/06/2002	4	.	0	.	1	get it <i>remarks - this release:</i>

TS 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001	4	.	0	.	0	get it <i>remarks - general:</i> Transfer>TSG#4
	update references 24/06/2002	4	.	0	.	1	get it <i>remarks - this release:</i>

TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	N1	/-	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>						
	NP-11 06/04/2001	4	.	0	.	0	get it <i>remarks - general:</i>
	NP-16 26/06/2002	4	.	1	.	0	get it <i>remarks - this release:</i>

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification								
Rel-4	current version: 4.4.0	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:				
	NP-13 03/10/2001	4 . 1 . 0		get it	remarks - this release:				
	NP-14 04/01/2002	4 . 2 . 0		get it					
	NP-15 19/03/2002	4 . 3 . 0		get it					
	NP-16 26/06/2002	4 . 4 . 0		get it					

TS 29.060	General Packet Radio Service (GPRS); GPRS Tunneling Protocol (GTP) across the Gn and Gp interface								
Rel-4	current version: 4.8.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB			
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	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:				
	NP-13 03/10/2001	4 . 2 . 0		get it					
	NP-14 11/01/2002	4 . 3 . 0		get it					
	NP-15 28/03/2002	4 . 4 . 0		get it					
	NP-17 18/09/2002	4 . 5 . 0		get it					
	NP-18 07/01/2003	4 . 6 . 0		get it					
	NP-19 04/04/2003	4 . 7 . 0		get it					
	NP-20 27/06/2003	4 . 8 . 0		get it					

TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)								
Rel-4	current version: 4.8.0	WG (prime / other):	N3 / -	rapporteur:	WILD, Johanna	MOTOROLA Ltd			
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	NP-11 06/04/2001	4 . 0 . 0		get it	remarks - general:	Former title: "General Packet Radio Service (GPRS); Interworking between the			
	NP-12 28/06/2001	4 . 1 . 0		get it	remarks - this release:	Public Land Mobile Network (PLMN) supporting GPRS and Packet".			
	NP-13 12/10/2001	4 . 2 . 0		get it					
	NP-14 14/01/2002	4 . 3 . 0		get it					
	NP-15 20/03/2002	4 . 4 . 0		get it					
	NP-16 02/07/2002	4 . 5 . 0		get it					
	NP-18 09/01/2003	4 . 6 . 0		get it					
	NP-19 27/03/2003	4 . 7 . 0		get it					
	NP-20 23/06/2003	4 . 8 . 0		get it					

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> 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	get it	<i>remarks - general:</i> Transfer>TSG#4	
	NP-12 03/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i> Phase 3	
	NP-13 03/10/2001	4 . 2 . 0	get it		
	NP-14 04/01/2002	4 . 3 . 0	get it		
	NP-15 19/03/2002	4 . 4 . 0	get it		
	NP-16 17/06/2002	4 . 5 . 0	get it		
	NP-17 17/09/2002	4 . 6 . 0	get it		
	NP-18 18/12/2002	4 . 7 . 0	get it		
	NP-19 25/03/2003	4 . 8 . 0	get it		

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>				
	RP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> TSG#8:Appeared as v2.0.0 (RP-000258)	
	RP-13 12/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	RP-16 28/06/2002	4 . 2 . 0	get it		
	RP-18 03/01/2003	4 . 3 . 0	get it		
	RP-19 26/03/2003	4 . 4 . 0	get it		

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-11 04/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5	
				<i>remarks - this release:</i>	

TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-09 25/10/2000	4 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5	
				<i>remarks - this release:</i>	

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

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

Rel-4 *current version:* 4.3.3 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 08/10/2001 4 . 2 . 0 [get it](#)
NP-14 08/01/2002 4 . 3 . 0 [get it](#)
edito 20/03/2002 4 . 3 . 1 [get it](#)
edito (references 31/03/2003 4 . 3 . 2 [get it](#)
etc)
edito 18/06/2003 4 . 3 . 3 [get it](#) Introduction - update of table explaining
how the various releases of ETSI,
Parlay and 3GPP OSA specifications
correspond; References

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 08/10/2001 4 . 2 . 0 [get it](#)
NP-14 08/01/2002 4 . 3 . 0 [get it](#)
NP-15 20/03/2002 4 . 4 . 0 [get it](#)
NP-19 31/03/2003 4 . 5 . 0 [get it](#)
NP-20 18/06/2003 4 . 6 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* N5 / *rapporteur:* BENNETT, Andy Lucent Technologies Network Systems UK
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 08/10/2001 4 . 2 . 0 [get it](#)
NP-14 08/01/2002 4 . 3 . 0 [get it](#)
NP-15 20/03/2002 4 . 4 . 0 [get it](#)
NP-16 05/07/2002 4 . 5 . 0 [get it](#)
NP-17 01/10/2002 4 . 6 . 0 [get it](#)
NP-19 31/03/2003 4 . 7 . 0 [get it](#)
NP-20 18/06/2003 4 . 8 . 0 [get it](#)

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-11 1 . 0 . 0 *remarks - general:*
edito 27/03/2001 1 . 0 . 1 [get it](#) *remarks - this release:*
NP-12 29/06/2001 2 . 0 . 0
NP-12 29/06/2001 4 . 0 . 0 [get it](#)
NP-13 12/10/2001 4 . 1 . 0 [get it](#)
NP-14 08/01/2002 4 . 2 . 0 [get it](#)
NP-15 20/03/2002 4 . 3 . 0 [get it](#)
NP-16 05/07/2002 4 . 4 . 0 [get it](#)
NP-17 01/10/2002 4 . 5 . 0 [get it](#)
NP-19 31/03/2003 4 . 6 . 0 [get it](#)
NP-20 18/06/2003 4 . 7 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	27/03/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
NP-13	08/10/2001	4	.	2	.	0	get it	
NP-14	08/01/2002	4	.	3	.	0	get it	
NP-15	20/03/2002	4	.	4	.	0	get it	
NP-17	01/10/2002	4	.	5	.	0	get it	
NP-19	31/03/2003	4	.	6	.	0	get it	
NP-20	18/06/2003	4	.	7	.	0	get it	

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	27/03/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
IDL file corrected	12/07/2001	4	.	1	.	1	get it	
NP-13	08/10/2001	4	.	2	.	0	get it	
edito	12/10/2001	4	.	2	.	1	get it	
NP-14	08/01/2002	4	.	3	.	0	get it	
NP-15	20/03/2002	4	.	4	.	0	get it	
NP-19	31/03/2003	4	.	5	.	0	get it	

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* SAARENPA, Matti NOKIA Corporation
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	27/03/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
NP-13	08/10/2001	4	.	2	.	0	get it	
NP-14	08/01/2002	4	.	3	.	0	get it	
NP-15	20/03/2002	4	.	4	.	0	get it	
NP-19	31/03/2003	4	.	5	.	0	get it	

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian Lucent Technologies Nederland B.V.

history (event, available, version,
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 08/10/2001 4 . 2 . 0 [get it](#)
NP-14 08/01/2002 4 . 3 . 0 [get it](#)
NP-15 20/03/2002 4 . 4 . 0 [get it](#)
NP-17 01/10/2002 4 . 5 . 0 [get it](#)
NP-19 31/03/2003 4 . 6 . 0 [get it](#)
NP-20 18/06/2003 4 . 7 . 0 [get it](#)

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian Telefon AB LM Ericsson

history (event, available, version,
NP-11 1 . 0 . 0 *remarks - general:*
edito 27/03/2001 1 . 0 . 1 [get it](#) *remarks - this release:*
NP-12 29/06/2001 4 . 0 . 0 [get it](#)
NP-13 08/10/2001 4 . 1 . 0 [get it](#)
NP-14 08/01/2002 4 . 2 . 0 [get it](#)
NP-15 20/03/2002 4 . 3 . 0 [get it](#)
NP-19 31/03/2003 4 . 4 . 0 [get it](#)

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian Telefon AB LM Ericsson

history (event, available, version,
NP-11 1 . 0 . 0 *remarks - general:*
edito 27/03/2001 1 . 0 . 1 [get it](#) *remarks - this release:*
NP-12 2 . 0 . 0
NP-12 29/06/2001 4 . 0 . 0 [get it](#)
NP-13 08/10/2001 4 . 1 . 0 [get it](#)
NP-14 08/01/2002 4 . 2 . 0 [get it](#)
NP-15 20/03/2002 4 . 3 . 0 [get it](#)
NP-19 31/03/2003 4 . 4 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.202	Signalling System No. 7 (SS7) signalling transport in core network; Stage 3					
Rel-4	current version: 4.3.0	WG (prime / other):	N4 /	rapporteur:	ANGELO, Ciriaco	Telefon AB LM Ericsson
	freeze_meeting: SP-11	G:	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-11 02/04/2001	4 . 0 . 0	get it	remarks - general:		
	edito 09/05/2001	4 . 0 . 1	get it	remarks - this release:		
	NP-13 03/10/2001	4 . 1 . 0	get it			
	correct references 25/06/2002	4 . 1 . 1	get it			
	NP-17 18/09/2002	4 . 2 . 0	get it			
	NP-18 07/01/2003	4 . 3 . 0	get it			
<hr/>						
TS 29.205	Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3					
Rel-4	current version: 4.2.0	WG (prime / other):	N4 /	rapporteur:	HEIDERMARK, Alf	Telefon AB LM Ericsson
	freeze_meeting: SP-11	G:	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	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:		
	NP-13 03/10/2001	4 . 2 . 0	get it			
<hr/>						
TS 29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3					
Rel-4	current version: 4.8.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting: SP-11	G:	U: yes	MCC:	Chalmers KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-10 12/01/2001	1 . 0 . 0	NP-000652	get it	remarks - general:	Additional rapporteur: Laura.Pomponi@CSELT.IT
	NP-11 30/03/2001	4 . 0 . 0	get it	remarks - this release:		
	NP-12 04/07/2001	4 . 1 . 0	get it			
	NP-13 05/10/2001	4 . 2 . 0	get it			
	NP-14 11/01/2002	4 . 3 . 0	get it			
	NP-15 28/03/2002	4 . 4 . 0	get it			
	NP-16 21/06/2002	4 . 5 . 0	get it			
	NP-17 18/09/2002	4 . 6 . 0	get it			
	NP-18 07/01/2003	4 . 7 . 0	get it			
	NP-20 27/06/2003	4 . 8 . 0	get it			

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.414	Core network Nb data transport and transport signalling					
Rel-4	current version: 4.4.0 freeze_meeting: SP-11	WG (prime / other): N3 / - G: U: yes	rapporteur: BELLING, Thomas MCC: BOSWARTHICK, David	SIEMENS AG		
	history (event, available, version, NP-11 06/04/2001 4 . 0 . 0 NP-12 28/06/2001 4 . 1 . 0 NP-13 03/10/2001 4 . 2 . 0 NP-14 11/01/2002 4 . 3 . 0 NP-15 20/03/2002 4 . 4 . 0	get it get it get it get it get it	remarks - general: remarks - this release:			
<hr/>						
TS 29.415	Core network Nb interface user plane protocols					
Rel-4	current version: 4.3.0 freeze_meeting: SP-11	WG (prime / other): N3 / - G: U: yes	rapporteur: SANDERS, David MCC: BOSWARTHICK, David	VODAFONE Group Plc		
	history (event, available, version, NP-11 06/04/2001 4 . 0 . 0 NP-13 03/10/2001 4 . 1 . 0 NP-14 11/01/2002 4 . 2 . 0 NP-19 27/03/2003 4 . 3 . 0	get it get it get it get it	remarks - general: remarks - this release:			
<hr/>						
TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults					
Rel-4	current version: 4.0.1 freeze_meeting: SP-11	WG (prime / other): N1 / RP G: yes U: yes	rapporteur: ANDERSEN, Niels Peter Skov MCC: JORGENSEN, Per Johan	MOTOROLA A/S		
	history (event, available, version, NP-16 26/06/2002 4 . 0 . 0 edito post NP-18 16/12/2002 4 . 0 . 1	get it get it	remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to remarks - this release: . latest Release version.			minor editorials to change style from TS to TR.
<hr/>						
TR 29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): N5 / G: U: yes	rapporteur: UNMEHOPA, Musa MCC: ZOICAS, Adrian	Lucent Technologies Nederland B.V.		
	history (event, available, version, NP-11 02/04/2001 4 . 0 . 0	get it	remarks - general: remarks - this release:			

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping
Rel-4 <i>current version:</i> 4.2.0 <i>WG (prime / other):</i> N5 / <i>rapporteur:</i> UNMEHOPA, Musa Lucent Technologies Nederland B.V. <i>freeze_meeting:</i> NP-11 <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i> NP-11 02/04/2001 4 . 0 . 0 get it <i>remarks - general:</i> NP-12 29/06/2001 4 . 1 . 0 get it <i>remarks - this release:</i> NP-13 05/10/2001 4 . 2 . 0 get it

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping
Rel-4 <i>current version:</i> 4.0.0 <i>WG (prime / other):</i> N5 / <i>rapporteur:</i> UNMEHOPA, Musa Lucent Technologies Nederland B.V. <i>freeze_meeting:</i> NP-11 <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i> NP-11 02/04/2001 4 . 0 . 0 get it <i>remarks - general:</i> <i>remarks - this release:</i>

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping
Rel-4 <i>current version:</i> 4.0.0 <i>WG (prime / other):</i> N5 / <i>rapporteur:</i> UNMEHOPA, Musa Lucent Technologies Nederland B.V. <i>freeze_meeting:</i> NP-12 <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i> NP-11 26/03/2001 1 . 0 . 0 get it <i>remarks - general:</i> edito 02/04/2001 1 . 0 . 1 get it <i>remarks - this release:</i> NP-12 2 . 0 . 0 NP-12 29/06/2001 4 . 0 . 0 get it

TR 29.998-06 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP
Rel-4 <i>current version:</i> 4.0.0 <i>WG (prime / other):</i> N5 / <i>rapporteur:</i> UNMEHOPA, Musa Lucent Technologies Nederland B.V. <i>freeze_meeting:</i> NP-11 <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i> NP-11 02/04/2001 4 . 0 . 0 get it <i>remarks - general:</i> <i>remarks - this release:</i>

TR 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP
Rel-4 <i>current version:</i> 4.0.0 <i>WG (prime / other):</i> N5 / <i>rapporteur:</i> UNMEHOPA, Musa Lucent Technologies Nederland B.V. <i>freeze_meeting:</i> NP-11 <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i> NP-11 02/04/2001 4 . 0 . 0 get it <i>remarks - general:</i> <i>remarks - this release:</i>

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

Rel-4 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP)
Rel-4 *current version:* 4.0.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-19 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-19 07/04/2003 4 . 0 . 2 Technically identical to 30.002 v4.0.1. [get it](#) *remarks - general:* NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG
remarks - this release: . 3.0x series.

Rel-4 31 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.048 Test specification for security mechanisms for the (U)SIM application toolkit
Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
freeze_meeting: TP-21 *G:* yes *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,
remarks - general: Test spec for 23.048.
remarks - this release:

TS 31.101 UICC-terminal interface; Physical and logical characteristics
Rel-4 *current version:* 4.1.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
freeze_meeting: SP-11 *G:* U: yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-11 09/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
TP-18 02/01/2003 4 . 1 . 0 [get it](#) *remarks - this release:*

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

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Server ACTIVE specs Rel-4 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.102 Characteristics of the USIM application

Rel-4 *current version:* 4.9.0
freeze_meeting: SP-11

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

GIESECKE & DEVRIENT GmbH

history (event, available, version,
TP-11 09/04/2001 4 . 0 . 0
TP-12 23/07/2001 4 . 1 . 0
TP-13 11/10/2001 4 . 2 . 0
TP-14 17/01/2002 4 . 3 . 0
TP-15 28/03/2002 4 . 4 . 0
TP-16 28/06/2002 4 . 5 . 0
TP-17 25/09/2002 4 . 6 . 0
TP-18 02/01/2003 4 . 7 . 0
TP-19 01/04/2003 4 . 8 . 0
TP-20 23/06/2003 4 . 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](#)

TS 31.110 Numbering system for telecommunication IC card applications

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11

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

SchlumbergerSema - Schlumberger Systèmes S.A

history (event, available, version,
TP-11 16/05/2001 4 . 0 . 0 late due to reversal of original T3
decision to scrap in favour of an ETSI
SCP deliverable only
TP-14 16/01/2002 4 . 1 . 0

[get it](#) *remarks - general:* Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May
remarks - this release: 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS
101 220.
[get it](#)

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

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Server ACTIVE specs Rel-4 31 .. series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.111	Universal Subscriber Identity Module Application Toolkit (USAT)								
Rel-4	<i>current version:</i> 4.10.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One					
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus						
	<i>history (event, available, version,</i>								
	TP-09 18/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i>	To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.					
	TP-10 05/01/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>						
	TP-11 09/04/2001 4 . 2 . 0	get it							
	edito 10/04/2001 4 . 2 . 1	get it							
	TP-12 06/07/2001 4 . 3 . 0	get it							
	TP-13 12/10/2001 4 . 4 . 0	get it							
	TP-14 16/01/2002 4 . 5 . 0	get it							
	TP-15 28/03/2002 4 . 6 . 0	get it							
	TP-16 28/06/2002 4 . 7 . 0	get it							
	TP-17 18/09/2002 4 . 8 . 0	get it							
	TP-18 02/01/2003 4 . 9 . 0	get it							
	TP-19 04/04/2003 4 . 10 . 0	get it							
<hr/>									
TS 31.120	UICC-terminal interface; Physical, electrical and logical test specification								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MAESER, Torsten	Orga Test Systems Gmbh					
	<i>history (event, available, version,</i>	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus						
			<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/>									
TS 31.121	UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification								
Rel-4	<i>current version:</i> 4.5.0 <i>freeze_meeting:</i> SP-12	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> AFCHAR, Ramin	VODAFONE Group Plc					
	<i>history (event, available, version,</i>	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus						
	TP-12 06/07/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	based on R99 core spec; split into 2 parts (this is 2)					
	TP-16 19/06/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>						
	TP-17 18/09/2002 4 . 2 . 0	get it							
	TP-18 02/01/2003 4 . 3 . 0	get it							
	TP-19 26/03/2003 4 . 4 . 0	get it							
	TP-20 23/06/2003 4 . 5 . 0	get it							

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

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Server ACTIVE specs Rel-4 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,

remarks - general: based on R99 core spec; was originally 31.121 but renumbered which 31.120 was
remarks - this release: 2003-07-15 (Dietze): will not progress to Rel-5, since no SIM device beyond Rel-4.
split into two parts

Rel-4 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.101 Telecommunication management; Principles and high level requirements

Rel-4 *current version:* 4.2.1 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,

SP-11	28/03/2001	4	.	0	.	0		get it	<i>remarks - general:</i>
edito	11/04/2001	4	.	0	.	1		get it	<i>remarks - this release:</i>
SP-12	03/07/2001	4	.	1	.	0		get it	
SP-13	05/10/2001	4	.	2	.	0		get it	
edito	26/03/2002	4	.	2	.	1		get it	

TS 32.102 Telecommunication management; Architecture

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,

SP-11	28/03/2001	4	.	0	.	0		get it	<i>remarks - general:</i>
SP-12	03/07/2001	4	.	1	.	0		get it	<i>remarks - this release:</i>
SP-13	05/10/2001	4	.	2	.	0		get it	
SP-19	31/03/2003	4	.	3	.	0		get it	

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

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Server ACTIVE specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
edito (layout and 07/01/2003 4 . 0 . 1 [get it](#) *remarks - this release:*
references)

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-13 05/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-14 11/01/2002 4 . 2 . 0 [get it](#)
SP-15 26/03/2002 4 . 3 . 0 [get it](#)
SP-17 18/09/2002 4 . 4 . 0 [get it](#)
SP-18 09/01/2003 4 . 5 . 0 [get it](#)
SP-19 31/03/2003 4 . 6 . 0 [get it](#)

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-13 05/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-15 26/03/2002 4 . 2 . 0 [get it](#)
SP-16 20/06/2002 4 . 3 . 0 [get it](#)
SP-17 20/09/2002 4 . 4 . 0 [get it](#)
SP-18 09/01/2003 4 . 5 . 0 [get it](#)
SP-19 01/04/2003 4 . 6 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 32 .- series
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TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / - *rporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-13	05/10/2001	4	.	0	.	0
SP-14	11/01/2002	4	.	1	.	0
SP-15	26/03/2002	4	.	2	.	0
SP-16	20/06/2002	4	.	3	.	0
SP-18	09/01/2003	4	.	4	.	0
SP-19	01/04/2003	4	.	5	.	0

[get it](#)

remarks - general: TSG#8: split into 4 parts

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / *rporteur:* GOERMER, Gerald SIEMENS AG
freeze_meeting: SP-14 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-12	18/06/2001	1	.	0	.	1	SP-010236
SP-13	01/10/2001	2	.	0	.	0	SP-010464
SP-13	05/10/2001	4	.	0	.	0	
SP-15	26/03/2002	4	.	1	.	0	
SP-16	20/06/2002	4	.	2	.	0	
SP-18	06/01/2003	4	.	3	.	0	
SP-19	02/04/2003	4	.	4	.	0	

[get it](#)

remarks - general:

[get it](#)

remarks - this release: Had been indicated as approved at SP-12, but this was erroneous.

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[get it](#)

TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / *rporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-11	29/03/2001	1	.	0	.	0	
SP-12	18/06/2001	1	.	1	.	1	SP-010236
SP-13	26/09/2001	2	.	0	.	0	SP-010464
SP-13	09/10/2001	4	.	0	.	0	
SP-15	26/03/2002	4	.	1	.	0	
edito post SP-15	27/03/2002	4	.	1	.	1	
SP-16	20/06/2002	4	.	2	.	0	
SP-18	09/01/2003	4	.	3	.	0	
SP-19	02/04/2003	4	.	4	.	0	

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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

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Server ACTIVE specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.215	Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain								
Rel-4	current version: 4.4.0	WG (prime / other):	S5 /	rapporteur:	ALEXANDER, Benni	NOKIA Corporation			
	freeze_meeting: SP-11	G:	U: yes	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	SP-12 18/06/2001	1 . 0 . 1	SP-010236	get it	remarks - general:				
	SP-13 01/10/2001	2 . 0 . 0	SP-010464	get it	remarks - this release:				
	SP-13 09/10/2001	4 . 0 . 0		get it					
	SP-14 11/01/2002	4 . 1 . 0		get it					
	SP-15 26/03/2002	4 . 2 . 0		get it					
edito post	SP-15 27/03/2002	4 . 2 . 1		get it					
	SP-16 20/06/2002	4 . 3 . 0		get it					
	SP-18 09/01/2003	4 . 4 . 0		get it					
<hr/>									
TS 32.235	Telecommunication management; Charging management; Charging data description for application services								
Rel-4	current version: 4.6.0	WG (prime / other):	S5 /	rapporteur:	GOERMER, Gerald	SIEMENS AG			
	freeze_meeting: SP-11	G:	U: yes	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	SP-12 18/06/2001	1 . 0 . 1	SP-010236	get it	remarks - general:				
	SP-13 01/10/2001	2 . 0 . 0	SP-010464	get it	remarks - this release:				
	SP-13 08/10/2001	4 . 0 . 0		get it					
	SP-15 26/03/2002	4 . 1 . 0		get it					
	SP-16 20/06/2002	4 . 2 . 0		get it					
	SP-17 18/09/2002	4 . 3 . 0		get it					
	SP-18 07/01/2003	4 . 4 . 0		get it					
	SP-19 02/04/2003	4 . 5 . 0		get it					
	SP-20 09/06/2003	4 . 6 . 0		get it					
<hr/>									
TS 32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects								
Rel-4	current version: 4.1.1	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	get it	remarks - general:	Replaces 32.106-8 (pars)			
	SP-12 03/07/2001	4 . 0 . 0		get it	remarks - this release:				
	SP-14 11/01/2002	4 . 1 . 0		get it					
edito post	SP-18 13/01/2003	4 . 1 . 1		get it					

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

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TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements								
Rel-4	<i>current version:</i> 4.0.2		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg		MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-12		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0		get it	<i>remarks - general:</i> was 32.301-1				
	SP-12 03/07/2001	4 . 0 . 0		get it	<i>remarks - this release:</i> .				
	edito 26/03/2002	4 . 0 . 1		get it					
	edito post SP-18 13/01/2003	4 . 0 . 2		get it					
<hr/>									
TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service								
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin		Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-12		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0		get it	<i>remarks - general:</i> was 32.301-2				
	SP-12 04/07/2001	4 . 0 . 0		get it	<i>remarks - this release:</i> .				
	SP-14 11/01/2002	4 . 1 . 0		get it					
	edito post SP-18 13/01/2003	4 . 1 . 1		get it					
	SP-20 27/06/2003	4 . 2 . 0		get it					
<hr/>									
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)								
Rel-4	<i>current version:</i> 4.4.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf		SIEMENS AG			
	<i>freeze_meeting:</i> SP-12		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0		get it	<i>remarks - general:</i> was 32.301-3				
	SP-12 03/07/2001	4 . 0 . 0		get it	<i>remarks - this release:</i> .				
	SP-13 05/10/2001	4 . 1 . 0		get it					
	SP-15 26/03/2002	4 . 2 . 0		get it					
	SP-17 19/09/2002	4 . 3 . 0		get it					
	edito post SP-17 01/10/2002	4 . 3 . 1		get it					
	edito post SP-18 13/01/2003	4 . 3 . 2		get it					
	SP-19 31/03/2003	4 . 4 . 0		get it					

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

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Server ACTIVE specs Rel-4 32 .- series
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TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution					
Rel-4	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG		
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-4		
	SP-12 04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
	SP-13 05/10/2001	4 . 1 . 0	get it			
	SP-15 26/03/2002	4 . 2 . 0	get it			
	edito post SP-18 13/01/2003	4 . 2 . 1	get it			

TS 32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements					
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.112-1		
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
	edito 12/07/2001	4 . 0 . 1	get it			
	edito post SP-18 13/01/2003	4 . 0 . 2	get it			

TS 32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service					
Rel-4	<i>current version:</i> 4.0.1	<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>					
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.112-2		
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
	edito post SP-18 13/01/2003	4 . 0 . 1	get it			

TS 32.401	Telecommunication management; Performance Management (PM); Concept and requirements					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-13	<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 20/06/2001	1 . 0 . 0	get it	<i>remarks - general:</i> was 32.104 (pars)		
	edito 27/06/2001	1 . 0 . 1	get it	<i>remarks - this release:</i> .		
	SP-13 11/10/2001	2 . 0 . 0	get it			SP-010467
	SP-13 05/10/2001	4 . 0 . 0	get it			
	SP-14 11/01/2002	4 . 1 . 0	get it			
	SP-17 18/09/2002	4 . 2 . 0	get it			
	SP-20 27/06/2003	4 . 3 . 0	get it			

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

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Server ACTIVE specs Rel-4 32 .- series
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TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 20/06/2001	1 . 0 . 2	get it	<i>remarks - general:</i> was 32.104 (pars)		
	SP-12 04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
	SP-13 05/10/2001	4 . 1 . 0	get it			
	SP-15 26/03/2002	4 . 2 . 0	get it			
	editorial clean up 20/06/2002	4 . 2 . 1	get it			
	SP-19 31/03/2003	4 . 3 . 0	get it			
	SP-20 27/06/2003	4 . 4 . 0	get it			
<hr/>						
TS 32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 18/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106 (pars).		
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
<hr/>						
TS 32.601	Telecommunication management; Configuration Management (CM); Basic Configuration Management (CM) Integration Reference Point (IRP): requirements					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-1		
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
<hr/>						
TS 32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information service					
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	get it	<i>remarks - general:</i> was 32.601-2		
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
	SP-13 05/10/2001	4 . 1 . 0	get it			

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

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Server ACTIVE specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.603 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution

Rel-4 *current version:* 4.3.1 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.601-3
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-15 27/03/2002 4 . 2 . 0 [get it](#)
SP-16 20/06/2002 4 . 3 . 0 [get it](#)
post SP-16 04/07/2002 4 . 3 . 1 [get it](#)
correction of
cover page

TS 32.604 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.601-4
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-14 11/01/2002 4 . 2 . 0 [get it](#)

TS 32.611 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.602-1
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

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

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Server ACTIVE specs Rel-4 32 .- series
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TS 32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information service								
Rel-4	<i>current version:</i> 4.4.0		<i>WG (prime / other):</i> S5 /		<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-12		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0		get it	<i>remarks - general:</i> was 32.602-2				
	SP-12 04/07/2001	4 . 0 . 0		get it	<i>remarks - this release:</i> .				
	SP-13 05/10/2001	4 . 1 . 0		get it					
	SP-16 21/06/2002	4 . 2 . 0		get it					
	SP-17 27/09/2002	4 . 3 . 0		get it					
	SP-18 07/01/2003	4 . 4 . 0		get it					
<hr/>									
TS 32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution								
Rel-4	<i>current version:</i> 4.4.0		<i>WG (prime / other):</i> S5 /		<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-12		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0		get it	<i>remarks - general:</i> was 32.602-3				
	SP-12 04/07/2001	4 . 0 . 0		get it	<i>remarks - this release:</i> .				
	SP-14 11/01/2002	4 . 1 . 0		get it					
	SP-16 21/06/2002	4 . 2 . 0		get it					
	SP-17 27/09/2002	4 . 3 . 0		get it					
	SP-18 07/01/2003	4 . 4 . 0		get it					
<hr/>									
TS 32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set								
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> S5 /		<i>rapporteur:</i> POLLAKOWSKI, Olaf		SIEMENS AG		
	<i>freeze_meeting:</i> SP-12		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0		get it	<i>remarks - general:</i> was 32.602-4				
	SP-12 03/07/2001	4 . 0 . 0		get it	<i>remarks - this release:</i> .				
	SP-13 05/10/2001	4 . 1 . 0		get it					
	SP-16 21/06/2002	4 . 2 . 0		get it					
	SP-18 07/01/2003	4 . 3 . 0		get it					

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

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TS 32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition			
Rel-4	<i>current version:</i> 4.3.0 <i>freeze_meeting:</i> SP-12 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / G: U: yes	<i>rapporteur:</i> BONNEAU, Frédéric MCC: ZOICAS, Adrian	NORTEL NETWORKS (EUROPE)
	SP-12 21/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-5	
	SP-12 03/07/2001 4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-14 11/01/2002 4 . 1 . 0	get it		
	SP-15 27/03/2002 4 . 2 . 0	get it		
	SP-20 27/06/2003 4 . 3 . 0	get it	XML in separate file, added 2003-07-03	
<hr/>				
TS 32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements			
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-12 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - G: yes U: yes	<i>rapporteur:</i> PIRT, Trevor MCC: ZOICAS, Adrian	MOTOROLA Ltd
	SP-12 21/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> was 32.620-1	
	SP-12 03/07/2001 4 . 0 . 0	get it	<i>remarks - this release:</i> .	
<hr/>				
TS 32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)			
Rel-4	<i>current version:</i> 4.4.0 <i>freeze_meeting:</i> SP-12 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - G: yes U: yes	<i>rapporteur:</i> TOVINGER, Thomas MCC: ZOICAS, Adrian	Telefon AB LM Ericsson
	SP-12 21/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> was 32.620-2	
	SP-12 03/07/2001 4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-13 05/10/2001 4 . 1 . 0	get it		
	SP-15 27/03/2002 4 . 2 . 0	get it		
	SP-16 28/06/2002 4 . 3 . 0	get it		
	SP-20 27/06/2003 4 . 4 . 0	get it		
<hr/>				
TS 32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture			
Rel-4	<i>current version:</i> (CORBA) solution set MOTOROLA Ltd <i>freeze_meeting:</i> SP-12 <i>history (event, available, version,</i>	4.3.0 G: yes U: yes	<i>WG (prime / other):</i> S5 MCC: ZOICAS, Adrian	<i>rapporteur:</i> PIRT, Trevor
	SP-12 21/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> was 32.620-3	
	SP-12 03/07/2001 4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-13 05/10/2001 4 . 1 . 0	get it		
	SP-14 11/01/2002 4 . 2 . 0	get it		
	SP-19 31/03/2003 4 . 3 . 0	get it		

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

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TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol
Rel-4	<i>current version:</i> (CMIP) solution set 4.4.0 <i>WG (prime / other):</i> S5 /- <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG
	<i>freeze_meeting:</i> SP-12 G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001	2 . 0 . 0 get it <i>remarks - general:</i> was 32.620-4
SP-12 04/07/2001	4 . 0 . 0 get it <i>remarks - this release:</i> .
SP-13 05/10/2001	4 . 1 . 0 get it
SP-14 11/01/2002	4 . 2 . 0 get it
SP-15 27/03/2002	4 . 3 . 0 get it
SP-16 28/06/2002	4 . 4 . 0 get it

TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements
Rel-4	<i>current version:</i> 4.0.0 <i>WG (prime / other):</i> S5 /- <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd <i>freeze_meeting:</i> SP-12 G: U: yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001	2 . 0 . 0 get it <i>remarks - general:</i> was 32.621-1
SP-12 03/07/2001	4 . 0 . 0 get it <i>remarks - this release:</i> .

TS 32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-4	<i>current version:</i> 4.3.0 <i>WG (prime / other):</i> S5 /- <i>rapporteur:</i> PAL, Tapinder T-MOBILE DEUTSCHLAND <i>freeze_meeting:</i> SP-12 G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001	2 . 0 . 0 get it <i>remarks - general:</i> was 32.621-2
SP-12 03/07/2001	4 . 0 . 0 get it <i>remarks - this release:</i> .
SP-14 11/01/2002	4 . 1 . 0 get it
SP-16 28/06/2002	4 . 2 . 0 get it
SP-19 01/04/2003	4 . 3 . 0 get it

TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture
Rel-4	<i>current version:</i> (CORBA) solution set 4.1.0 <i>WG (prime / other):</i> S5 /- <i>rapporteur:</i> PAL, Tapinder T- MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-12 G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001	2 . 0 . 0 get it <i>remarks - general:</i> was 32.621-3
SP-12 03/07/2001	4 . 0 . 0 get it <i>remarks - this release:</i> .
SP-16 28/06/2002	4 . 1 . 0 get it

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

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TS 32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)			
Rel-4	<i>current version:</i> solution set	4.1.1	<i>WG (prime / other):</i> S5	<i>rapporteur:</i> POLLAKOWSKI, Olaf
	SIEMENS AG			
	<i>freeze_meeting:</i> SP-12	G: yes	U: yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.621-4
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .
	SP-13 05/10/2001	4 . 1 . 0	get it	
	edito after SP-17 18/09/2002	4 . 1 . 1	get it	
TS 32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements			
Rel-4	<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	get it	<i>remarks - general:</i> was 32.622-1
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .
TS 32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)			
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB
	<i>freeze_meeting:</i> SP-12	G:	U: yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.622-2
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .
	SP-16 28/06/2002	4 . 1 . 0	get it	
	SP-17 27/09/2002	4 . 2 . 0	get it	
	SP-20 26/06/2003	4 . 3 . 0	get it	
TS 32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture			
Rel-4	<i>current version:</i> (CORBA) solution set	4.2.0	<i>WG (prime / other):</i> S5	<i>rapporteur:</i> RAYMER, David
	Motorola Inc.			
	<i>freeze_meeting:</i> SP-12	G:	U: yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.622-3
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .
	SP-14 11/01/2002	4 . 1 . 0	get it	
	SP-20 27/06/2003	4 . 2 . 0	get it	

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

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TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol
Rel-4	<i>current version:</i> (CMIP) solution set 4.2.0 <i>WG (prime / other):</i> S5 /- <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG
	<i>freeze_meeting:</i> SP-12 G: U: yes MCC: ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001 2 . 0 . 0	get it <i>remarks - general:</i> was 32.622-4
SP-12 03/07/2001 4 . 0 . 0	get it <i>remarks - this release:</i>
SP-13 05/10/2001 4 . 1 . 0	get it
edito post SP-17 18/09/2002 4 . 1 . 1	get it
SP-20 26/06/2003 4 . 2 . 0	get it

TS 32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements
Rel-4	<i>current version:</i> 4.0.0 <i>WG (prime / other):</i> S5 /- <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd <i>freeze_meeting:</i> SP-12 G: yes U: MCC: ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001 2 . 0 . 0	get it <i>remarks - general:</i> was 32.623-1
SP-12 03/07/2001 4 . 0 . 0	get it <i>remarks - this release:</i> .

TS 32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-4	<i>current version:</i> 4.5.0 <i>WG (prime / other):</i> S5 /- <i>rapporteur:</i> PETERSEN, Robert Ericsson AB <i>freeze_meeting:</i> SP-12 G: yes U: MCC: ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001 2 . 0 . 0	get it <i>remarks - general:</i> was 32.623-2
SP-12 03/07/2001 4 . 0 . 0	get it <i>remarks - this release:</i> .
SP-13 05/10/2001 4 . 1 . 0	get it
SP-14 11/01/2002 4 . 2 . 0	get it
SP-16 28/06/2002 4 . 3 . 0	get it
SP-17 27/09/2002 4 . 4 . 0	get it
SP-20 26/06/2003 4 . 5 . 0	get it

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

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TS 32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture								
Rel-4	<i>current version:</i> (CORBA) solution set	4.2.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	RAYMER, David		
	Motorola Inc.								
	<i>freeze_meeting:</i> SP-12		G: yes	U:		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0						<i>remarks - general:</i>	was 32.623-3
	SP-12 04/07/2001	4 . 0 . 0						<i>remarks - this release:</i>	.
	SP-14 11/01/2002	4 . 1 . 0							
	SP-20 27/06/2003	4 . 2 . 0							
								get it	
								get it	
								get it	
								get it	
TS 32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol								
Rel-4	<i>current version:</i> (CMIP) solution set	4.2.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
	SIEMENS AG								
	<i>freeze_meeting:</i> SP-12		G: yes	U:		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0						<i>remarks - general:</i>	was 32.623-4
	SP-12 03/07/2001	4 . 0 . 0						<i>remarks - this release:</i>	.
	SP-13 05/10/2001	4 . 1 . 0							
	SP-20 27/06/2003	4 . 2 . 0							
								get it	
								get it	
								get it	
								get it	
TR 32.800	Telecommunication management; Management level procedures and interaction with UTRAN								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i>	S5 /		<i>rapporteur:</i>	BODEN, Bert	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> SP-12		G:	U: yes		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	draft 31/10/2000	0 . 0 . 1						<i>remarks - general:</i>	
	draft 17/01/2001	0 . 0 . 3						<i>remarks - this release:</i>	.
	SP-12 18/06/2001	1 . 0 . 0							NP-010239 (!)
	SP-12 03/07/2001	4 . 0 . 0							SP-010233 (for approval!)
								get it	
								get it	
								get it	
								get it	

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TS 33.102	3G security; Security architecture					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOMMAERT, Marc	SIEMENS ATEA NV		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	<i>U:</i> yes				
	SP-11 30/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 04/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-13 03/10/2001 4 . 2 . 0	get it				
	SP-14 07/01/2002 4 . 3 . 0	get it				
	SP-16 19/06/2002 4 . 4 . 0	get it				
	SP-18 18/12/2002 4 . 5 . 0	get it				
<hr/>						
TS 33.103	3G security; Integration guidelines					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLANCHARD, Colin	BT Group Plc		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	<i>U:</i> yes				
	SP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 04/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
	SP-13 03/10/2001 4 . 2 . 0	get it				
<hr/>						
TS 33.105	Cryptographic Algorithm requirements					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	<i>U:</i> yes				
	SP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 04/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
<hr/>						
TS 33.106	Lawful interception requirements					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	<i>U:</i> yes				
	SP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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

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TS 33.107	3G security; Lawful interception architecture and functions					
Rel-4	current version: 4.3.0	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		get it	remarks - general:		
	SP-13 03/10/2001		get it	remarks - this release:		
	SP-14 07/01/2002		get it			
	SP-15 26/03/2002		get it			
<hr/>						
TS 33.120	Security Objectives and Principles					
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim	Indicate persons who left Company and wait for new One
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-11 10/04/2001		get it	remarks - general:		
				remarks - this release:	SP-15: Not to be promoted to Rel-5.	
<hr/>						
TS 33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security					
Rel-4	current version: 4.3.0	WG (prime / other):	S3 / -	rapporteur:	ESCOTT, Adrian	3
	freeze_meeting: SP-12	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	draft 26/06/2001		get it	remarks - general:	2001-05-24: title grows MAP; see 33.210 for IP equivalent.	
	SA-12			remarks - this release:		
	SP-12 04/07/2001		get it			
	SP-13 03/10/2001		get it			
	SP-14 07/01/2002		get it			
	SP-15 26/03/2002		get it			
<hr/>						
TR 33.901	Criteria for cryptographic Algorithm design process					
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / -	rapporteur:	BLOM, Rolf	Telefon AB LM Ericsson
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-11 03/10/2001		get it	remarks - general:		
				remarks - this release:	SP-15: Not to be promoted to Rel-5.	

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

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Server ACTIVE specs Rel-4 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.902	Formal Analysis of the 3G Authentication Protocol					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11 history (event, available, version, SP-11 03/10/2001 4 . 0 . 0	WG (prime / other): S3 / - G: U: yes	rapporteur: HORN, Guenther MCC: POPE, Maurice	SIEMENS AG		
		get it	remarks - general: remarks - this release: SP-15: Not to be promoted to Rel-5.			
<hr/>						
TR 33.903	Access Security for IP based services					
Rel-4	current version: none freeze_meeting: SP-11 history (event, available, version,	WG (prime / other): S3 / - G: U: yes	rapporteur: VACANT, MCC: POPE, Maurice			
			remarks - general: remarks - this release: .			
<hr/>						
TR 33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11 history (event, available, version, SP-11 03/10/2001 4 . 0 . 0	WG (prime / other): S3 / - G: U: yes	rapporteur: WALKER, Michael MCC: POPE, Maurice	VODAFONE Group Plc		
		get it	remarks - general: TSG#7: S3-000105=NP-000049 remarks - this release: SP-15: Not to be promoted to Rel-5.			
<hr/>						
TR 33.909	3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions					
Rel-4	current version: 4.0.1 freeze_meeting: SP-11 history (event, available, version, SP-11 04/04/2001 4 . 0 . 0 correct misprint in 23/07/2001 4 . 0 . 1 spec number	WG (prime / other): S3 / - G: U: yes	rapporteur: WALKER, Michael MCC: POPE, Maurice	VODAFONE Group Plc		
		get it	remarks - general: TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10. get it remarks - this release: SP-15: Not to be promoted to Rel-5.			

Rel-4 **34** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

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

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Server ACTIVE specs Rel-4 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.108 Common test environments for User Equipment (UE) conformance testing

Rel-4 *current version:* 4.7.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nouhman ANRITSU LTD
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain

history (event, available, version,

TP-13	08/10/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
TP-14	09/01/2002	4	.	1	.	0	get it	<i>remarks - this release:</i>
TP-15	20/03/2002	4	.	2	.	0	get it	
edito post TP-15	26/03/2002	4	.	2	.	1	get it	
TP-16	17/06/2002	4	.	3	.	0	get it	
TP-17	11/09/2002	4	.	4	.	0	get it	
TP-18	18/12/2002	4	.	5	.	0	get it	
TP-19	24/03/2003	4	.	6	.	0	get it	
TP-20	18/06/2003	4	.	7	.	0	get it	

TS 34.109 Terminal logical test interface; Special conformance testing functions

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-11	27/03/2001	4	.	0	.	0	get it	<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	get it	<i>remarks - this release:</i> TSG#9: Stable, so txfered from T1 to R2.
RP-15	19/03/2002	4	.	2	.	0	get it	
RP-16	17/06/2002	4	.	3	.	0	get it	
RP-18	13/01/2003	4	.	4	.	0	get it	
RP-19	25/03/2003	4	.	5	.	0	get it	

TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain

history (event, available, version,

TP-20	17/06/2003	4	.	0	.	0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> upgrade sans CR
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Rel-4 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

Rel-4 *current version:* 4.8.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG
freeze_meeting: SP-13 *G:* U: yes *MCC:* SULTAN, Alain

history (event, available, version,
TP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-13 03/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-14 09/01/2002 4 . 2 . 0 [get it](#)
TP-15 21/03/2002 4 . 3 . 0 [get it](#)
TP-16 17/06/2002 4 . 4 . 0 [get it](#)
TP-17 05/09/2002 4 . 5 . 0 [get it](#)
TP-18 18/12/2002 4 . 6 . 0 [get it](#)
TP-19 24/03/2003 4 . 7 . 0 [get it](#)
TP-20 17/06/2003 4 . 8 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-13 *G:* U: yes *MCC:* SULTAN, Alain

history (event, available, version,
TP-13 03/10/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-14 09/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 20/03/2002 4 . 2 . 0 [get it](#)
TP-16 19/06/2002 4 . 3 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* U: yes *MCC:* SULTAN, Alain

history (event, available, version,
TP-13 04/10/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-14 09/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 21/03/2002 4 . 2 . 0 [get it](#)
TP-16 19/06/2002 4 . 3 . 0 [get it](#)

TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSs)

Rel-4 *current version:* none *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* U: yes *MCC:* SULTAN, Alain

history (event, available, version,
remarks - general:
remarks - this release:

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

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Server ACTIVE specs Rel-4 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* T1->R4@TSG#10
RP-18 10/01/2003 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-19 04/04/2003 4 . 2 . 0 [get it](#)

TR 34.910 Identification of test requirements for regulatory purposes in different regions/countries

Rel-4 *current version:* 1.0.0 DRAFT *WG (prime / other):* T1 / - *rapporteur:* NIELSEN, Bjarke QUALCOMM EUROPE S.A.R.L.
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain

history (event, available, version,
TP-05 13/10/1999 0 . 0 . 1 [get it](#) *remarks - general:*
TP-10 09/01/2001 1 . 0 . 0 [get it](#) *remarks - this release:*

TR 34.926 Table of international EMC requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
TP-09 06/10/2000 1 . 0 . 0 [get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10
RP-10 09/01/2001 4 . 0 . 0 [get it](#) *remarks - this release:*

Rel-4 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice

history (event, available, version,
SP-11 28/08/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
SP-14 07/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

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Server ACTIVE specs Rel-4 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S3 / -	G: U: yes	rapporteur: WALKER, Michael	MCC: POPE, Maurice	VODAFONE Group Plc			
	history (event, available, version, SP-11 28/08/2001 4 . 0 . 0						get it	remarks - general: ex SAGE; supplied by ETSI under licence	remarks - this release:
TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S3 / -	G: U: yes	rapporteur: WALKER, Michael	MCC: POPE, Maurice	VODAFONE Group Plc			
	history (event, available, version, SP-11 28/08/2001 4 . 0 . 0						get it	remarks - general: ex SAGE; supplied by ETSI under licence	remarks - this release:
TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S3 / -	G: U: yes	rapporteur: WALKER, Michael	MCC: POPE, Maurice	VODAFONE Group Plc			
	history (event, available, version, SP-11 28/08/2001 4 . 0 . 0						get it	remarks - general: ex SAGE; supplied by ETSI under licence	remarks - this release:
TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;								
Rel-4	current version: Document 1: General VODAFONE Group Plc	4.0.0	WG (prime / other): S3	/-	rapporteur: WALKER, Michael				
	freeze_meeting: SP-11	G: U: yes		MCC: POPE, Maurice					
	history (event, available, version, SP-11 09/05/2001 4 . 0 . 0						get it	remarks - general: ex SAGE. 2002-06: clarified that deliverable is TS not TR.	remarks - this release: TSG#11:changed to Rel-4.
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;								
Rel-4	current version: Document 2: Algorithm specification VODAFONE Group Plc	4.0.0	WG (prime / other): S3	/-	rapporteur: WALKER, Michael				
	freeze_meeting: SP-11	G: U: yes		MCC: POPE, Maurice					
	history (event, available, version, SP-11 09/05/2001 4 . 0 . 0						get it	remarks - general: ex SAGE	remarks - this release: TSG#11:changed to Rel-4

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

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Server ACTIVE specs Rel-4 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	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		get it	remarks - general: ex SAGE			remarks - this release: TSG#11:changed to Rel-4	
TS 35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	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		get it	remarks - general: ex SAGE			remarks - this release: TSG#11:changed to Rel-4	
TR 35.909	3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;	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		get it	remarks - general: ex SAGE			remarks - this release: TSG#11:Formerly 35.209 Rel-99 (but never made available)	

Rel-4 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	Rel-4	current version: 4.0.1	WG (prime / other): S3	/-	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One
	freeze_meeting: SP-11	G: yes	U:	MCC:	POPE, Maurice		
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0		get it	remarks - general:			
	edito 02/05/2001 4 . 0 . 1		get it	remarks - this release:			

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Server ACTIVE specs Rel-4 41 .- series
http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.033	Lawful Interception requirements for GSM						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>						
	SP-11 4 . 0 . 0					<i>remarks - general:</i>	
	edito 02/05/2001 4 . 0 . 1					<i>remarks - this release:</i>	
						get it	
<hr/>							
TS 41.061	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 4 . 0 . 0					<i>remarks - general:</i>	
						<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.	
						get it	
<hr/>							
TS 41.101	Technical Specifications and Technical Reports for a GERAN-based 3GPP system						
Rel-4	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> SP /	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-20	G: yes U:	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>						
	SP-20 25/06/2003 4 . 9 . 0	Created from 41.102 v4.9.0				<i>remarks - general:</i>	
						<i>remarks - this release:</i> .	
						get it	
<hr/>							
<hr/>							
	Rel-4	42 .- series	Server location:	http://www.3gpp.org/ftp/Specs/archive/42_series			
<hr/>							
TS 42.009	Security Aspects						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / S1 /	<i>rapporteur:</i> CHRISTOFFERSSON,	Telia Promotor AB			
	<i>freeze_meeting:</i> SP-11	NP	Per				
	<i>history (event, available, version,</i>	G: yes U:	<i>MCC:</i> POPE, Maurice				
	SP-11 10/04/2001 4 . 0 . 0					<i>remarks - general:</i>	
						<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.	
						get it	
<hr/>							

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

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Server ACTIVE specs Rel-4 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.017	Subscriber Identity Module (SIM); Functional characteristics					
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	<i>WG (prime / other):</i> T3 / S1 <i>G: yes U:</i>		<i>rapporteur:</i> HOOKER, Philip <i>MCC:</i> DIETZE, Claus	ORANGE PCS LTD	
			get it	<i>remarks - general:</i> <i>remarks - this release:</i> 2003-07-15 (Dietze): will not progress to Rel-5, since no SIM device beyond Rel-4.		
<hr/>						
TS 42.019	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11 <i>history (event, available, version,</i> TP-12 06/07/2001 4 . 0 . 0	<i>WG (prime / other):</i> T3 / - <i>G: yes U:</i>		<i>rapporteur:</i> DIETRICH, Christian <i>MCC:</i> DIETZE, Claus	SchlumbergerSema - Schlumberger Systèmes S.A	
			get it	<i>remarks - general:</i> TP-17: From Rel-6, transferred to ETSI TS 102 240. <i>remarks - this release:</i> .		
<hr/>						
TS 42.033	Lawful Interception; Stage 1					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11 <i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	<i>WG (prime / other):</i> S3 / <i>G: yes U:</i>		<i>rapporteur:</i> MCKIBBEN, Bernie <i>MCC:</i> POPE, Maurice	MOTOROLA GmbH	
			get it	<i>remarks - general:</i> <i>remarks - this release:</i>		
<hr/>						
TS 42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11 <i>history (event, available, version,</i> SP-11 02/04/2001 4 . 0 . 0	<i>WG (prime / other):</i> S1 / <i>G: yes U:</i>		<i>rapporteur:</i> KOKKOLA, Tommi <i>MCC:</i> CLAYTON, Michael	NOKIA Corporation	
			get it	<i>remarks - general:</i> Was 22.043 at Rel99. <i>remarks - this release:</i>		
<hr/>						
TS 42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11 <i>history (event, available, version,</i> SP-11 02/04/2001 4 . 0 . 0	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>		<i>rapporteur:</i> GALLIGO, Michel <i>MCC:</i> CLAYTON, Michael	ALCATEL S.A.	
			get it	<i>remarks - general:</i> <i>remarks - this release:</i>		

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

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Server ACTIVE specs Rel-4 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

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

Rel-4 *current version:* 4.1.0 *freeze_meeting:* SP-11 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
SP-08 23/06/2000 4 . 0 . 0 32,304 [get it](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
SP-10 08/01/2001 4 . 1 . 0 [get it](#)

TS 42.069 Voice Broadcast Service (VBS); Stage 1

Rel-4 *current version:* 4.1.0 *freeze_meeting:* SP-11 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
SP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
SP-10 08/01/2001 4 . 1 . 0 [get it](#)

Rel-4 43 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.005 Technical performance objectives

Rel-4 *current version:* 4.0.0 *freeze_meeting:* SP-11 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 43.010 GSM Public Land Mobile Network (PLMN) connection types

Rel-4 *current version:* 4.2.0 *freeze_meeting:* SP-11 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-10 08/01/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-11 06/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-17 17/09/2002 4 . 2 . 0 [get it](#)

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

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TS 43.013	Discontinuous Reception (DRX) in the GSM system					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): G1 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.	
	history (event, available, version, GP-04 11/04/2001 4 . 0 . 0	get it	remarks - general: remarks - this release:			
<hr/>						
TS 43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2					
Rel-4	current version: 4.3.0 freeze_meeting: SP-11	WG (prime / other): T3 / - G: yes U:	rapporteur: DIETRICH, Christian MCC: DIETZE, Claus		SchlumbergerSema - Schlumberger Systèmes S.A	
	history (event, available, version, TP-11 23/10/2001 4 . 0 . 0 TP-14 17/01/2002 4 . 1 . 0 TP-16 25/06/2002 4 . 2 . 0 TP-17 27/09/2002 4 . 3 . 0	get it get it get it get it	remarks - general: For test spec, see 51.013. remarks - this release:			
<hr/>						
TS 43.020	Security-related network functions					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S3 / NP / GP G: yes U:	rapporteur: GILBERT, Henri MCC: POPE, Maurice		France Telecom	
	history (event, available, version, SP-09 04/11/2000 4 . 0 . 0	get it	remarks - general: remarks - this release:			
<hr/>						
TS 43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode					
Rel-4	current version: 4.5.0 freeze_meeting: SP-11	WG (prime / other): G1 / N1 G: yes U:	rapporteur: HOWELL, Andrew MCC: USAI, Paolino		MOTOROLA Ltd	
	history (event, available, version, GP-01 10/10/2000 4 . 0 . 0 edito 24/10/2000 4 . 0 . 1 GP-02 24/11/2000 4 . 1 . 0 edito 30/11/2000 4 . 1 . 1 GP-03 15/02/2001 4 . 2 . 0 GP-05 05/10/2001 4 . 3 . 0 GP-10 19/07/2002 4 . 4 . 0 GP-11 19/09/2002 4 . 5 . 0	get it get it get it get it get it get it get it get it	remarks - general: Moved from SMG3 Jan 2000. remarks - this release:			

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TR 43.026	Multiband operation of GSM / DCS 1800 by a single operator					
Rel-4	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
		G: yes U:	Peter Skov USAI, Paolino			
	<i>history (event, available, version,</i> GP-04 11/04/2001 4 . 0 . 0 re-issue as TR 31/07/2002 4 . 0 . 1 (not TS) as per 03.26	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
		get it				
<hr/>						
TR 43.030	Radio network planning aspects					
Rel-4	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB		
		G: yes U:	USAI, Paolino			
	<i>history (event, available, version,</i> GP-01 10/10/2000 4 . 0 . 0 some refs revert 24/10/2000 4 . 0 . 1 to pre-Rel-4 GSM format	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
		get it				
<hr/>						
TS 43.033	Lawful Interception; Stage 2					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
		G: yes U:	POPE, Maurice			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 43.045	Technical Realization of Facsimile Group 3 Service - transparent					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
		G: yes U:	BOSWARTHICK, David			
	<i>history (event, available, version,</i> NP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
		G: yes U:	USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			

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TS 43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): G1 / -	rapporteur: GIRAUD, Alexis	USAI, Paolino	ALCATEL S.A.				
	history (event, available, version, GP-04 11/04/2001 4 . 0 . 0	G: yes U:	MCC:			get it	remarks - general: remarks - this release:		
<hr/>									
TS 43.055	Dual Transfer Mode (DTM); Stage 2								
Rel-4	current version: 4.3.0 freeze_meeting: SP-11	WG (prime / other): G1 / G2	rapporteur: CARRIZO MARTINEZ, Jose Luis	USAI, Paolino	VODAFONE Group Plc				
	history (event, available, version, GP-04 11/04/2001 4 . 0 . 0 GP-05 29/06/2001 4 . 1 . 0 GP-14 25/04/2003 4 . 2 . 0 GP-16 12/09/2003 4 . 3 . 0	G: yes U:	MCC:			get it get it get it get it	remarks - general: remarks - this release:		
<hr/>									
TR 43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / -	rapporteur: MONFORT, Jean-Yves	USAI, Paolino	France Telecom				
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0	G: yes U:	MCC:			get it	remarks - general: remarks - this release:		
<hr/>									
TS 43.059	Functional stage 2 description of Location Services (LCS) in GERAN								
Rel-4	current version: 4.5.0 freeze_meeting: SP-11	WG (prime / other): G1 / -	rapporteur: LIVINGSTON, Margaret	USAI, Paolino	NOKIA Corporation				
	history (event, available, version, GP-02 05/01/2001 1 . 0 . 0 draft 02/02/2001 1 . 0 . 2 GP-04 09/05/2001 4 . 0 . 0 GP-05 29/06/2001 4 . 1 . 0 GP-06 01/10/2001 4 . 2 . 0 GP-07 04/01/2002 4 . 3 . 0 GP-08 19/02/2002 4 . 4 . 0 GP-10 19/07/2002 4 . 5 . 0	G: yes U:	MCC:			get it get it get it get it get it get it get it get it	remarks - general: remarks - this release:		

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

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11

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

history (event, available, version,
GP-03 15/02/2001 4 . 0 . 0
GP-04 20/04/2001 4 . 1 . 0
GP-07 04/01/2002 4 . 2 . 0
GP-08 19/02/2002 4 . 3 . 0
GP-14 25/04/2003 4 . 4 . 0

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

TS 43.068 Voice Group Call Service (VGCS); Stage 2

Rel-4 *current version:* 4.2.2
freeze_meeting: SP-11

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-08 23/06/2000 4 . 0 . 0
NP-09 12/10/2000 4 . 1 . 0
edito 24/10/2000 4 . 1 . 1
NP-10 02/01/2001 4 . 2 . 0
edito 17/06/2002 4 . 2 . 1
edito 28/06/2002 4 . 2 . 2

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

TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 *current version:* 4.2.2
freeze_meeting: SP-11

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-08 23/06/2000 4 . 0 . 0
NP-09 12/10/2000 4 . 1 . 0
edito 28/06/2002 4 . 1 . 1
NP-10 03/01/2001 4 . 2 . 0
edito 06/06/2002 4 . 2 . 1
Note 1 to 9 and 27/06/2002 4 . 2 . 2
Note 2 to 10 in
fig. 4

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

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

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 24/06/2002 4 . 0 . 0 = 23.073 v4.0.0

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

[get it](#) *remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.
remarks - this release: .

Rel-4 44 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0
NP-16 20/06/2002 4 . 1 . 0

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

TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Rel-4 *current version:* 4.0.0
freeze_meeting: GP-04

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

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0

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

TS 44.004 Layer 1 - General Requirements

Rel-4 *current version:* 4.2.0
freeze_meeting: GP-04

WG (prime / other): G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0
GP-06 14/09/2001 4 . 1 . 0
GP-07 08/01/2002 4 . 2 . 0

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

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TS 44.005	Data Link (DL) Layer General Aspects					
Rel-4	current version: 4.0.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0	G: yes U:	MCC:		get it remarks - general: remarks - this release:	
<hr/>						
TS 44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
Rel-4	current version: 4.1.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 GP-08 19/02/2002 4 . 1 . 0	G: yes U:	MCC:		get it remarks - general: get it remarks - this release:	
<hr/>						
TS 44.012	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface					
Rel-4	current version: 4.0.1 freeze_meeting: GP-04	WG (prime / other): G2 / N2	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 edito 17/12/2002 4 . 0 . 1	G: yes U:	MCC:		get it remarks - general: Rel-4 onwards. (Rel-99 was 24.012) get it remarks - this release: TSG#11: Replaces 24.012 for Rel-4 on.	
<hr/>						
TS 44.013	Performance Requirements on Mobile Radio Interface					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): N1 / -	rapporteur: PUDNEY, Chris JORGENSEN, Per Johan	VODAFONE Group Plc		
	history (event, available, version, NP-11 11/04/2001 4 . 0 . 0 NP-16 20/06/2002 4 . 1 . 0	G: yes U:	MCC:		get it remarks - general: get it remarks - this release:	
<hr/>						
TS 44.014	Individual equipment type requirements and interworking; Special conformance testing functions					
Rel-4	current version: 4.3.0 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 GP-10 19/07/2002 4 . 2 . 0 GP-15 10/07/2003 4 . 3 . 0	G: yes U:	MCC:		get it remarks - general: get it remarks - this release: get it get it	

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TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-4 *current version:* 4.15.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
04.18 to 3G 10/08/2000 4 . 0 . 0 [get it](#) *remarks - general:*
GP-01 11/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:* #32:9.0.0 MCC-converted Aug00:
edito 24/10/2000 4 . 1 . 1 [get it](#)
GP-02 21/12/2000 4 . 2 . 0 [get it](#)
GP-03 31/01/2001 4 . 3 . 0 [get it](#)
GP-04 04/05/2001 4 . 4 . 0 [get it](#)
GP-05 18/06/2001 4 . 5 . 0 [get it](#)
GP-06 10/09/2001 4 . 6 . 0 [get it](#)
GP-07 08/01/2002 4 . 7 . 0 [get it](#)
GP-08 19/02/2002 4 . 8 . 0 [get it](#)
GP-09 02/05/2002 4 . 9 . 0 [get it](#)
edito post GP-09 28/05/2002 4 . 9 . 1 [get it](#)
GP-10 19/07/2002 4 . 10 . 0 [get it](#)
GP-11 16/09/2002 4 . 11 . 0 [get it](#)
GP-12 17/12/2002 4 . 12 . 0 [get it](#)
GP-13 21/02/2003 4 . 13 . 0 [get it](#)
GP-14 28/04/2003 4 . 14 . 0 [get it](#)
GP-15 10/07/2003 4 . 15 . 0 [get it](#)

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
NP-10 21/12/2000 4 . 0 . 0 [get it](#) *remarks - general:*
NP-17 19/09/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

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TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)								
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	GP-04 04/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i>					
	GP-05 18/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>					
	GP-06 14/09/2001	4 . 2 . 0	get it						
	GP-07 08/01/2002	4 . 3 . 0	get it						
	GP-08 19/02/2002	4 . 4 . 0	get it						
	GP-09 02/05/2002	4 . 5 . 0	get it						
	GP-10 19/07/2002	4 . 6 . 0	get it						
	GP-16 12/09/2003	4 . 7 . 0	get it						

TS 44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	GP-04 04/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i>					
	GP-07 08/01/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>					

TS 44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	NP-11 11/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					

TS 44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	NP-11 11/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					

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TS 44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol				
Rel-4	<i>current version:</i> 4.13.0	<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	get it	<i>remarks - general:</i>	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
	GP-04 04/05/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	(BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
	GP-05 18/06/2001	4 . 2 . 0	get it		
	GP-06 14/09/2001	4 . 3 . 0	get it		
	GP-07 09/01/2002	4 . 4 . 0	get it		
	GP-08 19/02/2002	4 . 5 . 0	get it		
	GP-09 03/05/2002	4 . 6 . 0	get it		
edito post	GP-09 28/05/2002	4 . 6 . 1	get it		
	GP-10 19/07/2002	4 . 7 . 0	get it		
	GP-11 16/09/2002	4 . 8 . 0	get it		
	GP-12 17/12/2002	4 . 9 . 0	get it		
	GP-13 21/02/2003	4 . 10 . 0	get it		
	GP-14 29/04/2003	4 . 11 . 0	get it		
	GP-15 10/07/2003	4 . 12 . 0	get it		
	GP-16 13/09/2003	4 . 13 . 0	get it		

TS 44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-11 11/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-12 29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-14 04/01/2002	4 . 2 . 0	get it		
	NP-15 19/03/2002	4 . 3 . 0	get it		

TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-10 02/01/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.
	NP-13 02/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-15 19/03/2002	4 . 2 . 0	get it		

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Server ACTIVE specs Rel-4 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.068 Group Call Control (GCC) Protocol

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,
conversion to 06/09/2000 4 . 0 . 0
3GPP format
NP-09 12/10/2000 4 . 1 . 0
edito 24/10/2000 4 . 1 . 1
NP-12 29/06/2001 4 . 2 . 0
NP-16 19/06/2002 4 . 3 . 0

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

TS 44.069 Broadcast Call Control (BCC) protocol

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-08 23/06/2000 4 . 0 . 0
NP-09 12/10/2000 4 . 1 . 0
edito 24/10/2000 4 . 1 . 1
NP-12 29/06/2001 4 . 2 . 0
NP-16 19/06/2002 4 . 3 . 0

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

TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification

Rel-4 *current version:* 4.3.0
freeze_meeting: GP-04

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

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0
GP-05 18/06/2001 4 . 1 . 0
GP-07 08/01/2002 4 . 2 . 0
GP-10 19/07/2002 4 . 3 . 0

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

Rel-4 45 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

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

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Server ACTIVE specs Rel-4 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:* 4.2.0 *freeze_meeting:* SP-11 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
GP-01 10/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-07 04/01/2002 4 . 1 . 0 [get it](#)
GP-14 25/04/2003 4 . 2 . 0 [get it](#)

TS 45.002 Multiplexing and multiple access on the radio path

Rel-4 *current version:* 4.8.0 *freeze_meeting:* SP-11 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
GP-01 10/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-02 24/11/2000 4 . 1 . 0 [get it](#)
edito 30/11/2000 4 . 1 . 1 [get it](#)
GP-03 15/01/2001 4 . 2 . 0 [get it](#)
edito 27/02/2001 4 . 2 . 1 [get it](#)
GP-04 20/04/2001 4 . 3 . 0 [get it](#)
GP-06 01/10/2001 4 . 4 . 0 [get it](#)
GP-07 04/01/2002 4 . 5 . 0 [get it](#)
GP-13 21/02/2003 4 . 6 . 0 [get it](#)
GP-14 25/04/2003 4 . 7 . 0 [get it](#)
GP-15 11/07/2003 4 . 8 . 0 [get it](#)

TS 45.003 Channel coding

Rel-4 *current version:* 4.2.0 *freeze_meeting:* SP-11 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
GP-03 06/02/2001 4 . 0 . 0 [get it](#) *remarks - general:*
GP-07 04/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
GP-14 25/04/2003 4 . 2 . 0 [get it](#)

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Server ACTIVE specs Rel-4 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.004	Modulation								
Rel-4	current version: 4.2.0			WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist				NOKIA Corporation
	freeze_meeting: SP-11			G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,								
	GP-04 18/06/2001	4	.	0	.	0	get it	remarks - general:	
	GP-05 29/06/2001	4	.	1	.	0	get it	remarks - this release:	
	GP-07 04/01/2002	4	.	2	.	0	get it		

TS 45.005	Radio transmission and reception								
Rel-4	current version: 4.13.0			WG (prime / other): G1 / -	rapporteur: SAMUELSSON, Mats				
	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 15/02/2001	4	.	2	.	0	get it		
	GP-04 20/04/2001	4	.	3	.	0	get it		
	GP-05 29/06/2001	4	.	4	.	0	get it		
	GP-06 01/10/2001	4	.	5	.	0	get it		
	GP-07 04/01/2002	4	.	6	.	0	get it		
	GP-09 06/05/2002	4	.	7	.	0	get it		
	GP-10 19/07/2002	4	.	8	.	0	get it		
	GP-11 19/09/2002	4	.	9	.	0	get it		
	GP-13 21/02/2003	4	.	10	.	0	get it		
	GP-14 25/04/2003	4	.	11	.	0	get it		
	GP-15 11/07/2003	4	.	12	.	0	get it		
	GP-16 12/09/2003	4	.	13	.	0	get it		

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Server ACTIVE specs Rel-4 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.008	Radio subsystem link control					
Rel-4	current version: 4.12.0 freeze_meeting: SP-11	WG (prime / other): G1 / -	rapporteur: EL-SAIGH, Amer	VODAFONE Group Plc		
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino			
	GP-01 01/09/2000 4 . 0 . 0	get it	remarks - general:			
	GP-02 24/11/2000 4 . 1 . 0	get it	remarks - this release:			
	edito 30/11/2000 4 . 1 . 1	get it				
	GP-03 15/02/2001 4 . 2 . 0	get it				
	GP-04 20/04/2001 4 . 3 . 0	get it				
	GP-05 29/06/2001 4 . 4 . 0	get it				
	GP-06 01/10/2001 4 . 5 . 0	get it				
	GP-07 04/01/2002 4 . 6 . 0	get it				
	GP-08 18/02/2002 4 . 7 . 0	get it				
	GP-09 06/05/2002 4 . 8 . 0	get it				
	GP-10 19/07/2002 4 . 9 . 0	get it				
	GP-14 25/04/2003 4 . 10 . 0	get it				
	GP-15 11/07/2003 4 . 11 . 0	get it				
	GP-16 12/09/2003 4 . 12 . 0	get it				
<hr/>						
TS 45.009	Link adaptation					
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino			
	GP-02 06/02/2001 4 . 0 . 0	get it	remarks - general:			
	GP-06 01/10/2001 4 . 1 . 0	get it	remarks - this release:			
	GP-07 04/01/2002 4 . 2 . 0	get it				
<hr/>						
TS 45.010	Radio subsystem synchronization					
Rel-4	current version: 4.5.0 freeze_meeting: SP-11	WG (prime / other): G1 / -	rapporteur: JOKINEN, Harri	NOKIA MOBILE PHONES		
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino			
	GP-04 20/04/2001 4 . 0 . 0	get it	remarks - general:			
	GP-07 04/01/2002 4 . 1 . 0	get it	remarks - this release:			
	GP-08 19/02/2002 4 . 2 . 0	get it				
	GP-10 19/07/2002 4 . 3 . 0	get it				
	GP-13 21/02/2003 4 . 4 . 0	get it				
	GP-16 12/09/2003 4 . 5 . 0	get it				

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Server ACTIVE specs Rel-4 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TR 45.022	Radio link management in hierarchical networks				
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> G1 / - G: yes U:	<i>rapporteur:</i> VAN BUSSEL, Han <i>MCC:</i> USAI, Paolino	T-MOBILE DEUTSCHLAND	
	<i>history (event, available, version,</i> GP-04 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>		
<hr/>					
TR 45.050	Background for RF Requirements				
Rel-4	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> G1 / - G: yes U:	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov <i>MCC:</i> USAI, Paolino	MOTOROLA A/S	
	<i>history (event, available, version,</i> GP-04 11/04/2001 4 . 0 . 0 make figures 01/08/2001 4 . 0 . 1 legible	get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>		
<hr/>					
TS 45.056	CTS-FP Radio Sub-system				
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> G1 / - G: yes U:	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>history (event, available, version,</i> GP-04 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>		
<hr/>					

Rel-4 **46** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.001	Full Rate Speech Processing Functions				
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>history (event, available, version,</i> SP-11 10/10/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>		
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Server ACTIVE specs Rel-4 46 .- series
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TS 46.002	Half Rate Speech Processing Functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TR 46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 46.010	Full-rate speech transcoding					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0 SP-12 29/06/2001 4 . 1 . 0	get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>			

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Server ACTIVE specs Rel-4 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels						
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> NAVARRO, William <i>MCC:</i> USAI, Paolino		NORTEL NETWORKS (EUROPE)	
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>							
TS 46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels						
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> SERENO, Daniele <i>MCC:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0 SP-12 29/06/2001 4 . 1 . 0		get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>							
TS 46.020	Half Rate Speech Transcoding						
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino		MOTOROLA Ltd	
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>							
TS 46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels						
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino		MOTOROLA Ltd	
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>							
TS 46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels						
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino		MOTOROLA Ltd	
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			

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

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Server ACTIVE specs Rel-4 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 46.032	Voice Activity Detection (VAD)					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 46.051	GSM Enhanced full rate speech processing functions: General description					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			

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

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Server ACTIVE specs Rel-4 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.053	ANSI-C code for the GSM Enhanced full rate speech codec					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U:	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation	
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0			get it	remarks - general: remarks - this release:	
<hr/>						
TS 46.054	Test sequences for the GSM Enhanced Full Rate (EFR)					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U:	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation	
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0			get it	remarks - general: remarks - this release:	
<hr/>						
TR 46.055	Performance characterisation of the GSM EFR Speech Codec					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U:	rapporteur: SALEM, Tarek MCC: USAI, Paolino		T-MOBILE DEUTSCHLAND	
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0			get it	remarks - general: remarks - this release:	
<hr/>						
TS 46.060	Enhanced full rate speech transcoding					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U:	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation	
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0			get it	remarks - general: remarks - this release:	
<hr/>						
TS 46.061	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U:	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation	
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0			get it	remarks - general: remarks - this release:	

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Server ACTIVE specs Rel-4 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels						
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U:	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino			NOKIA Corporation	
history (event, available, version, SP-11 10/04/2001	4 . 0 . 0	get it	remarks - general: remarks - this release:				
<hr/>							
TR 46.076	Adaptive Multi-Rate (AMR) speech codec; Study phase report						
Rel-4	current version: 4.0.1 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino			TELECOM ITALIA S.p.A.	
history (event, available, version, SP-11 10/04/2001	4 . 0 . 0	get it	remarks - general:				
fix invisible 10/01/2002	4 . 0 . 1	get it	remarks - this release:				
<hr/>							
TS 46.081	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels						
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U:	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino			NOKIA Corporation	
history (event, available, version, SP-11 10/04/2001	4 . 0 . 0	get it	remarks - general: remarks - this release:				
<hr/>							
TS 46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels						
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U:	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino			NOKIA Corporation	
history (event, available, version, SP-11 10/04/2001	4 . 0 . 0	get it	remarks - general: remarks - this release:				
<hr/>							
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 freeze_meeting: SP-11	WG (prime / other): S4 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino			TELECOM ITALIA S.p.A.	
history (event, available, version, SP-11 10/04/2001	4 . 0 . 0	get it	remarks - general: remarks - this release:				

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

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Server ACTIVE specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

Rel-4 48 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.001 General Aspects on the BSS-MSC Interface
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 48.002 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles
Rel-4 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
GP-05 18/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
GP-07 08/01/2002 4 . 2 . 0 Rel-5 CR undone. Effectively reverts
to 4.0.0 [get it](#)

TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 48.006 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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Server ACTIVE specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.008 Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

Rel-4 *current version:* 4.10.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,

08.08 to 3G	11/08/2000	4	.	0	.	0
GP-01	11/10/2000	4	.	1	.	0
edito	24/10/2000	4	.	1	.	1
GP-02	11/01/2001	4	.	2	.	0
GP-03	31/01/2001	4	.	3	.	0
GP-04	04/05/2001	4	.	4	.	0
GP-06	14/09/2001	4	.	5	.	0
GP-07	08/01/2002	4	.	6	.	0
GP-08	19/02/2002	4	.	7	.	0
GP-10	19/07/2002	4	.	8	.	0
GP-15	10/07/2003	4	.	9	.	0
GP-16	12/09/2003	4	.	10	.	0

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

TS 48.014 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,

GP-04	04/05/2001	4	.	0	.	0
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[get it](#) *remarks - general:*
remarks - this release:

TS 48.016 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,

GP-02	17/11/2000	4	.	0	.	0
GP-04	04/05/2001	4	.	1	.	0
edito	07/06/2001	4	.	1	.	1
GP-06	14/09/2001	4	.	2	.	0
GP-15	10/07/2003	4	.	3	.	0

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

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

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Server ACTIVE specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol					
Rel-4	current version: 4.5.0 freeze_meeting: GP-04	WG (prime / other): G2 / - G: yes U:	rapporteur: BLACK, Jyoti MCC: THOMASEN, Gert		MOTOROLA	
	history (event, available, version, GP-02 17/11/2000 4 . 0 . 0 GP-03 31/01/2001 4 . 1 . 0 GP-04 04/05/2001 4 . 2 . 0 GP-05 18/06/2001 4 . 3 . 0 edito 29/06/2001 4 . 3 . 1 GP-06 10/09/2001 4 . 4 . 0 GP-09 06/05/2002 4 . 5 . 0	get it get it get it get it get it get it get it	remarks - general: remarks - this release:			
TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): N3 / - G: yes U:	rapporteur: RÄSÄNEN, Juha MCC: BOSWARTHICK, David		NOKIA Corporation	
	history (event, available, version, NP-11 06/04/2001 4 . 0 . 0 NP-17 19/09/2002 4 . 1 . 0	get it get it	remarks - general: remarks - this release:			
TS 48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification					
Rel-4	current version: 4.1.0 freeze_meeting: GP-04	WG (prime / other): G2 / - G: yes U:	rapporteur: ANDERSEN, Niels Peter Skov MCC: THOMASEN, Gert		MOTOROLA A/S	
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 GP-05 18/06/2001 4 . 1 . 0	get it get it	remarks - general: remarks - this release:			
TS 48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
Rel-4	current version: 4.1.0 freeze_meeting: GP-04	WG (prime / other): G2 / - G: yes U:	rapporteur: ANDERSEN, Niels Peter Skov MCC: THOMASEN, Gert		MOTOROLA A/S	
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 GP-07 08/01/2002 4 . 1 . 0	get it get it	remarks - general: remarks - this release:			

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

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Server ACTIVE specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.052	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles					
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 THOMASEN, Gert	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:	MCC:		get it <i>remarks - general:</i> get it <i>remarks - this release:</i>	
<hr/>						
TS 48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits					
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 THOMASEN, Gert	MOTOROLA A/S		
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	G: yes U:	MCC:		get it <i>remarks - general:</i> <i>remarks - this release:</i>	
<hr/>						
TS 48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification					
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 THOMASEN, Gert	MOTOROLA A/S		
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	G: yes U:	MCC:		get it <i>remarks - general:</i> <i>remarks - this release:</i>	
<hr/>						
TS 48.058	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0 GP-08 19/02/2002 4 . 1 . 0	G: yes U:	MCC:		get it <i>remarks - general:</i> get it <i>remarks - this release:</i>	

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

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Server ACTIVE specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels					
Rel-4	current version: 4.1.0 freeze_meeting: GP-04	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino			
	GP-04 04/05/2001 4 . 0 . 0	get it	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	edito 28/05/2001 4 . 0 . 1	get it	remarks - this release:			
	GP-08 19/02/2002 4 . 1 . 0	get it				

TS 48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels					
Rel-4	current version: 4.1.1 freeze_meeting: GP-04	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino			
	GP-04 04/05/2001 4 . 0 . 0	get it	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	GP-08 19/02/2002 4 . 1 . 0	get it	remarks - this release:			Cover sheet still shows version 4.0.0 and wrong date.
	editorial pody 20/03/2002 4 . 1 . 1	get it				
	GP-08					

TS 48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification					
Rel-4	current version: 4.4.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	GP-04 04/05/2001 4 . 0 . 0	get it	remarks - general:			
	GP-06 14/09/2001 4 . 1 . 0	get it	remarks - this release:			
	GP-07 08/01/2002 4 . 2 . 0	get it				
	GP-08 19/02/2002 4 . 3 . 0	get it				
	GP-15 10/07/2003 4 . 4 . 0	get it				

Rel-4 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

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

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Server ACTIVE specs Rel-4 49 .- series
http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.001 General network interworking scenarios

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-11 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
correct references 25/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated
freeze_meeting: SP-11 *G: yes U:* *MCC:* Rouzbeh JORGENSEN, Per Johan
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
draft 17/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*
NP-19 24/03/2003 4 . 1 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* Peter Skov THOMASEN, Gert
history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
edito 03/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-06 14/09/2001 4 . 1 . 0 [get it](#)
edito 03/10/2001 4 . 1 . 1 [get it](#)
GP-07 08/01/2002 4 . 2 . 0 [get it](#)
GP-10 19/07/2002 4 . 3 . 0 [get it](#)

Rel-4 50 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

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

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Server ACTIVE specs Rel-4 50 .- series
http://www.3gpp.org/ftp/Specs/archive/50_series

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:*

Rel-4 **51** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification

Rel-4 *current version:* 4.10.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11 NP /
T2 /
SCP
G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
conversion from 01/08/2000 4 . 0 . 1 [get it](#) *remarks - general:* 2001-11-19: G4->G5.
11.10-1 v9.0.1 *remarks - this release:* #32:9.0.0 MCC-converted Aug00:4.0.1
edito 24/10/2000 4 . 0 . 2 [get it](#)
GP-02 01/12/2000 4 . 1 . 0 [get it](#)
edito to correct 01/12/2000 4 . 1 . 1 [get it](#)
Release
edito 17/01/2001 4 . 1 . 2 [get it](#)
GP-03 22/01/2001 4 . 2 . 0 [get it](#)
GP-04 11/04/2001 4 . 3 . 0 [get it](#)
GP-05 05/06/2001 4 . 4 . 0 [get it](#)
GP-06 31/08/2001 4 . 5 . 0 [get it](#)
GP-07 09/01/2002 4 . 6 . 0 [get it](#)
GP-08 26/02/2002 4 . 7 . 0 [get it](#)
GP-09 03/05/2002 4 . 8 . 0 [get it](#)
GP-10 19/07/2002 4 . 9 . 0 [get it](#)
GP-11 20/09/2002 4 . 10 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14

NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

GP-02		1	.	0	.	0
GP-04	11/04/2001	4	.	0	.	0
GP-05	05/06/2001	4	.	1	.	0
GP-06	31/08/2001	4	.	2	.	0
GP-07	09/01/2002	4	.	3	.	0
GP-07 minor	18/01/2002	4	.	3	.	1
editorial						
GP-08	26/02/2002	4	.	4	.	0
GP-09	29/04/2002	4	.	5	.	0
GP-10	03/07/2002	4	.	6	.	0
GP-11	19/09/2002	4	.	7	.	0

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

remarks - this release:

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11

NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

GP-01	06/09/2000	4	.	0	.	0
edito	24/10/2000	4	.	0	.	1
GP-02	30/11/2000	4	.	1	.	0
GP-05	28/06/2001	4	.	2	.	0
GP-06	14/09/2001	4	.	3	.	0
GP-07	21/01/2002	4	.	4	.	0
GP-08	19/02/2002	4	.	5	.	0
GP-09	29/04/2002	4	.	6	.	0
GP-10	19/07/2002	4	.	7	.	0
GP-14	29/04/2003	4	.	8	.	0

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

remarks - this release:

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

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Server ACTIVE specs Rel-4 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

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

Rel-4 *current version:* 0.0.1 DRAFT *WG (prime / other):* T3 / G3ne *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14 *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version,
 TP-14 02/01/2002 0 . 0 . 1 TP-010250; TP17: the previous doc turned out to be a sort of draft CR for [get it](#) *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: Withdrawn, because
 in fact R99, not Rel-4. TP-20: transferred to T3 (for when Rel-4 *remarks - this release:* TP-17: Withdrawn, because doc was in fact R99, not Rel-4. 2003-07-15: Dietze doc was
 R99 (11.10-4). 2003-07-15: Dietze indicates that Rel-4 will eventually be produced, so this Release reinstated (though
 appears!). 2003-07-15: Unwithdrawn - see comments against Rel-4. existing so-called draft v0.0.1 is still scrapped).
 indicates that a Rel-4 will be required, so this Release reinstated, but this version 0.0.1 remains scrapped.

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: SP-11 *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version,
 TP-11 09/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".
 TP-12 06/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:* TP-14: At TP-11 it was decided that there would be no need for a Rel-5 version,
 TP-13 11/10/2001 4 . 2 . 0 [get it](#) since by then all terminals will handle a common USIM. But the question still seems
 TP-14 17/01/2002 4 . 3 . 0 [get it](#) to be open. TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version
 TP-16 25/06/2002 4 . 4 . 0 [get it](#)
 TP-17 18/09/2002 4 . 5 . 0 [get it](#)
 TP-18 02/01/2003 4 . 6 . 0 [get it](#)
 TP-19 04/04/2003 4 . 7 . 0 [get it](#)
 TP-20 23/06/2003 4 . 8 . 0 [get it](#)

TS 51.013 Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card

Rel-4 *current version:* 4.0.1 *WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.
freeze_meeting: TP-19 *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version,
 TP-16 26/06/2002 1 . 0 . 0 TP-020128 [get it](#) *remarks - general:*
 TP-17 23/09/2002 2 . 0 . 0 TP-020220. Doc has been created without CRs and with no Change [get it](#) *remarks - this release:* TP-15: New WI approved in TP-020029.
 History beyond 11,13 v7.4.1. So NOT approved. Will be done TP-18 as a conventional CR. TP-18: no CR; anticipate at TP-19.
 TP-19 04/04/2003 4 . 0 . 0 Created with CR to 11.13 R99 [get it](#)
 replace Annex E 16/04/2003 4 . 0 . 1 [get it](#)
 with correct file

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

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Server ACTIVE specs Rel-4 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.014	Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit								
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): T3 / -	rapporteur: WOODSEND, Kristian	Indicate persons who left Company and wait for new One					
	history (event, available, version, TP-18 02/01/2003 4 . 0 . 0 TP-19 04/04/2003 4 . 1 . 0	G: yes U:	MCC: DIETZE, Claus						
		get it	remarks - general:						
		get it	remarks - this release:	RP-11: TSG-T agreed not to have a rel-4 version. The 3G equivalent (31.111) will be upgraded to include a GSM-only annex. TP-18: This spec resurrected, based on ETSI TS 102 223 Rel-4 (via a CR to 11.14 R99).					

TS 51.021	GSM radio aspects base station system equipment specification								
Rel-4	current version: 4.4.0 freeze_meeting: SP-13	WG (prime / other): G1 / -	rapporteur: BUSIN, Ake	Telefon AB LM Ericsson					
	history (event, available, version, GP-07 11/01/2002 4 . 0 . 0 GP-10 19/07/2002 4 . 1 . 0 GP-12 03/01/2003 4 . 2 . 0 GP-13 21/02/2003 4 . 3 . 0 GP-15 11/07/2003 4 . 4 . 0	G: yes U:	MCC: USAI, Paolino						
		get it	remarks - general:						
		get it	remarks - this release:	.					
		get it							
		get it							
		get it							

TS 51.026	GSM Repeater Equipment Specification								
Rel-4	current version: 4.0.0 freeze_meeting: SP-13	WG (prime / other): G1 / -	rapporteur: BUSIN, Ake	Telefon AB LM Ericsson					
	history (event, available, version, post-GP-07 23/01/2002 4 . 0 . 0	G: yes U:	MCC: USAI, Paolino						
		get it	remarks - general:						
			remarks - this release:	.					

Rel-4 52 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.021	Network Management (NM) Procedures and messages on the A-bis interface								
Rel-4	current version: 4.0.0 freeze_meeting: GP-09	WG (prime / other): G1 / S5	rapporteur: TRUSS, Michael	MOTOROLA Ltd					
	history (event, available, version, GP-09 06/05/2002 4 . 0 . 0	G: yes U:	MCC: USAI, Paolino						
		get it	remarks - general:						
			remarks - this release:	.					

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Server ACTIVE specs Rel-4 52 .- series
http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-13 *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-13 05/10/2001 4 . 0 . 0 formerly 32.402 [get it](#) *remarks - general:* SP-13: replaces 32.402.
SP-16 20/06/2002 4 . 1 . 0 [get it](#) *remarks - this release:* .

R99

R99 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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Server ACTIVE specs R99 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R99	<i>current version:</i> 8.10.0			<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice	
<i>history (event, available, version,</i>						
	draft	01/08/1999	0 . 0 . 0	get it	<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
	draft	01/08/1999	0 . 0 . 1	get it	<i>remarks - this release:</i>	backwards extension to earlier releases.
	mods to draft	01/09/1999	0 . 0 . 2	get it		
	more mods	07/09/1999	0 . 0 . 3	get it		
	WOME cmts included	15/09/1999	0 . 1 . 0	get it		
	Becomes T2/smg4 responsibility	21/09/1999	0 . 2 . 0	get it		
	editorials	01/10/1999	0 . 3 . 0	get it		
	draft	04/08/2000	0 . 3 . 0	get it		
	align with 21.101	07/10/1999	0 . 4 . 0	get it		
	smg-30	11/11/1999	1 . 0 . 0	get it		
	align with 21.101	30/11/1999	1 . 1 . 0	get it	Alignment with 21.101: 1.1.0.	
	smg-31b		2 . 0 . 0			
	smg-32	20/06/2000	8 . 0 . 0	get it		
	SP-10	04/01/2001	8 . 1 . 0	get it		
	SP-12	05/07/2001	8 . 2 . 0	get it		
	SP-13	01/10/2001	8 . 3 . 0	get it		
	SP-14	03/01/2002	8 . 4 . 0	get it		
	SP-15	27/03/2002	8 . 5 . 0	get it		
	SP-16	19/06/2002	8 . 6 . 0	get it		
	SP-17	18/09/2002	8 . 7 . 0	get it		
	SP-18	03/01/2003	8 . 8 . 0	get it		
	SP-19	27/03/2003	8 . 9 . 0	get it		
	SP-20	25/06/2003	8 . 10 . 0	get it		

TR 01.04 Abbreviations and acronyms

R99	<i>current version:</i> 8.0.0			<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino	
<i>history (event, available, version,</i>						
	upgrade to R99	10/05/2000	8 . 0 . 0	get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.

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Server ACTIVE specs R99 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0
R99 *current version:* 8.0.0 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: SP-06 G: yes U: *MCC:* POPE, Maurice One
history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 01.33 Lawful Interception requirements for GSM
R99 *current version:* 8.0.0 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-06 G: yes U: *MCC:* POPE, Maurice
history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements
R99 *current version:* 8.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-06 G: yes U: *MCC:* POPE, Maurice
history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R99 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.09 Security aspects
R99 *current version:* 8.0.1 *WG (prime / other):* S3 / S1 / *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
freeze_meeting: SP-06 NP Per
G: yes U: *MCC:* POPE, Maurice
history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 05/06/2001 8 . 0 . 1 [get it](#) *remarks - this release:* .

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Server ACTIVE specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.17	Subscriber Identity Module (SIM); Functional characteristics								
R99	current version: 8.0.0 freeze_meeting: SP-06 history (event, available, version, smg-30 11/11/1999 8 . 0 . 0	WG (prime / other): T3 / S1 G: yes U:		rapporteur: HOOKER, Philip MCC: DIETZE, Claus	ORANGE PCS LTD				
			get it	remarks - general: remarks - this release:					
TS 02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1								
R99	current version: 8.0.0 freeze_meeting: SP-12 history (event, available, version, TP-12 01/02/2002 8 . 0 . 0 delayed awaiting 11.14	WG (prime / other): T3 / - G: yes U:		rapporteur: DIETRICH, Christian MCC: DIETZE, Claus	SchlumbergerSema - Schlumberger Systèmes S.A				
			get it	remarks - general: SMG9->T3@#31 remarks - this release: Target: Mid-2001; must await stable 11.14 R99. TP-12: approved. 2002-01-31: (Sanders) reinstated to fill the gap between R98 and Rel-4!					
TS 02.33	Lawful Interception (LI); Stage 1								
R99	current version: 8.0.1 freeze_meeting: SP-06 history (event, available, version, Upgrade to R99 14/04/2000 8 . 0 . 0 ETSI publication 05/06/2001 8 . 0 . 1	WG (prime / other): S3 / G: yes U:		rapporteur: MCKIBBEN, Bernie MCC: POPE, Maurice	MOTOROLA GmbH				
			get it	remarks - general: remarks - this release: .					
TS 02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1								
R99	current version: 8.0.0 freeze_meeting: SP-06 history (event, available, version, SP-11 02/05/2001 8 . 0 . 0	WG (prime / other): S1 / G: yes U:		rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael	NOKIA Corporation				
			get it	remarks - general: remarks - this release: TSG#11:R98 upgraded to Rel-4 (42.043) so assume we need a Rel-1999 version					
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1								
R99	current version: 8.0.0 freeze_meeting: SP-06 history (event, available, version, Upgrade to R99 17/05/2000 8 . 0 . 0	WG (prime / other): T3 / S3 G: yes U:		rapporteur: BARNES, Nigel MCC: DIETZE, Claus	MOTOROLA Ltd				
			get it	remarks - general: SMG9->T3@#31 remarks - this release: .					

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Server ACTIVE specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1						
R99	current version: 8.0.1	WG (prime / other): S4 /	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,						
	upgrade to R99 16/11/2000 8 . 0 . 0	get it	remarks - general: SMG11->S4 at SMG#30				
	ETSI publication 20/07/2001 8 . 0 . 1	get it	remarks - this release: Nov-00: Created to fill the gap.				
<hr/>							
TS 02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1						
R99	current version: 8.0.1	WG (prime / other): S1 / -	rapporteur: GALLIGO, Michel	ALCATEL S.A.			
	freeze_meeting: SP-06	G: yes U:	MCC: CLAYTON, Michael				
	history (event, available, version,						
	Upgrade to R99 01/05/2000 8 . 0 . 0	get it	remarks - general:				
	ETSI publication 17/10/2000 8 . 0 . 1	get it	remarks - this release: .				
<hr/>							
TS 02.68	Voice Group Call Service (VGCS); Stage 1						
R99	current version: 8.1.0	WG (prime / other): S1 / -	rapporteur: GILES, Les	Union Internationale des Chemins de Fer			
	freeze_meeting: SP-06	G: yes U:	MCC: CLAYTON, Michael				
	history (event, available, version,						
	smg-31 30/11/2000 8 . 0 . 0	get it	remarks - general:				
	SP-10 12/01/2001 8 . 1 . 0	get it	remarks - this release:				
<hr/>							
TS 02.69	Voice Broadcast Service (VBS); Stage 1						
R99	current version: 8.1.0	WG (prime / other): S1 / -	rapporteur: GILES, Les	Union Internationale des Chemins de Fer			
	freeze_meeting: SP-06	G: yes U:	MCC: CLAYTON, Michael				
	history (event, available, version,						
	Upgrade to R99 10/05/2000 8 . 0 . 0	get it	remarks - general:				
	ETSI publication 17/10/2000 8 . 0 . 1	get it	remarks - this release: . TSG#10:8.1.0				
	SP-10 12/01/2001 8 . 1 . 0	get it					
<hr/>							
TS 02.76	Noise Suppression for the AMR						
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	TELECOM ITALIA S.p.A.			
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,						
	smg-29 2 . 0 . 0		remarks - general:				
	SP-07 17/03/2000 8 . 0 . 0	get it	remarks - this release:				
	ETSI publication 30/07/2002 8 . 0 . 1	get it					
	(not for 3GPP server)		ETSI publication only - 3GPP use 8.0.0				

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Server ACTIVE specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R99 *current version:* 8.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-07 17/03/2000 8 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: .

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.05 Technical performance objectives

R99 *current version:* 8.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: .

TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

R99 *current version:* 8.3.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
NP-06 17/12/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
NP-09 18/10/2000 8 . 2 . 0 [get it](#)
NP-10 21/12/2000 8 . 3 . 0 [get it](#)

TS 03.13 Discontinuous Reception (DRX) in the GSM System

R99 *current version:* 8.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
Upgrade to R99 29/03/2000 8 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.19	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card					
R99	<i>current version:</i> 8.5.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	Upgrade to R99 27/07/2001 8 . 0 . 0	get it	<i>remarks - general:</i> SMG9->T3@#31			
	TP-11 27/07/2001 8 . 1 . 0	get it	<i>remarks - this release:</i>			
	TP-12 27/07/2001 8 . 2 . 0	get it				
	TP-14 17/01/2002 8 . 3 . 0	get it				
	TP-16 19/06/2002 8 . 4 . 0	get it				
	editorial post 14/08/2002 8 . 4 . 1	get it				
	TP-16					
	TP-17 27/09/2002 8 . 5 . 0	get it				

TS 03.20	Security-related Network Functions					
R99	<i>current version:</i> 8.1.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	smg-30 24/11/1999 8 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-32 20/06/2000 8 . 1 . 0	get it	<i>remarks - this release:</i>			

TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
R99	<i>current version:</i> 8.7.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	smg-29 30/06/1999 8 . 0 . 0	get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and			
	smg-30 11/11/1999 8 . 1 . 0	get it	<i>remarks - this release:</i> group receive mode".			
	smg-30b 06/12/1999 8 . 2 . 0	get it				
	smg-31 16/02/2000 8 . 3 . 0	get it				
	GP-03 15/02/2001 8 . 4 . 0	get it				
	GP-05 29/06/2001 8 . 5 . 0	get it				
	GP-10 19/07/2002 8 . 6 . 0	get it				
	GP-11 19/09/2002 8 . 7 . 0	get it				

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, Upgrade to R99 29/03/2000 8 . 0 . 0	get it	remarks - general: remarks - this release: .			
<hr/>						
TR 03.30	Radio Network Planning Aspects					
R99	current version: 8.3.0 freeze_meeting: SP-06	WG (prime / other): GP / -	rapporteur: TEGTH, Ulf	TeliaSonera AB		
		G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, smg-29 30/06/1999 8 . 0 . 0 smg-30 11/11/1999 8 . 1 . 0 smg-30b 06/12/1999 8 . 2 . 0 smg-31 16/02/2000 8 . 3 . 0	get it get it get it get it	remarks - general: remarks - this release: #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0			
<hr/>						
TS 03.33	Lawful Interception; Stage 2					
R99	current version: 8.1.0 freeze_meeting: SP-06	WG (prime / other): S3 / -	rapporteur: MCKIBBEN, Bernie	MOTOROLA GmbH		
		G: yes U:	MCC: POPE, Maurice			
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0 SP-10 21/12/2000 8 . 1 . 0	get it get it	remarks - general: remarks - this release: TSG#10:8.1.0			
<hr/>						
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
		G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version, smg-29 30/06/1999 8 . 0 . 0 ETSI publication 30/10/2001 8 . 0 . 1	get it get it	remarks - general: remarks - this release:			
<hr/>						
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
		G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version, NP-06 17/12/1999 8 . 0 . 0 (source Klehn) ETSI publication 8 . 0 . 1 ETSI format only. Not for 3GPP use.	get it	remarks - general: remarks - this release:			

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
R99	current version: 8.8.0 freeze_meeting: SP-06	WG (prime / other): T3 / - G: yes U:	rapporteur: BARNES, Nigel MCC: DIETZE, Claus		MOTOROLA Ltd	
	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 TP-14 17/01/2002 8 . 8 . 0	get it get it get it get it get it get it get it get it	remarks - general: SMG9->T3@#31 remarks - this release:			
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
R99	current version: 8.1.1 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.	
	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 get it get it get it	remarks - general: remarks - this release: #32:8.1.0			
TS 03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): G1 / - G: yes U:	rapporteur: GIRAUD, Alexis MCC: USAI, Paolino		ALCATEL S.A.	
	history (event, available, version, Upgrade to R99 29/03/2000 8 . 0 . 0 ETSI publication 29/09/2000 8 . 0 . 1	get it get it	remarks - general: remarks - this release: .			
TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2					
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): S4 / NP / S2 G: yes U:	rapporteur: FAUCONNIER, Denis MCC: USAI, Paolino		NORTEL NETWORKS (EUROPE)	
	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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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.55	Dual Transfer Mode (DTM); Stage 2					
R99	current version: 8.1.0 freeze_meeting: SP-06	WG (prime / other): G1 / G2	rapporteur: CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc		
		G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, GP-02 05/01/2001 8 . 0 . 0 GP-16 12/09/2003 8 . 1 . 0	get it	remarks - general:			
		get it	remarks - this release: GERAN#2: 8.0.0			
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)					
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): S4 / -	rapporteur: MONFORT, Jean-Yves	France Telecom		
	history (event, available, version, Upgrade to R99 30/03/2000 8 . 0 . 0	G: yes U:	MCC: USAI, Paolino			
		get it	remarks - general:			
			remarks - this release: .			
TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2					
R99	current version: 8.11.0 freeze_meeting: SP-06	WG (prime / other): G1 / -	rapporteur: LEPPISAARI, Arto	NOKIA Corporation		
	history (event, available, version, smg-29 30/06/1999 8 . 0 . 0 smg-30 11/11/1999 8 . 1 . 0 smg-30b 06/12/1999 8 . 2 . 0 smg-31 16/02/2000 8 . 3 . 0 smg-31b 17/04/2000 8 . 4 . 0 smg-32 20/06/2000 8 . 5 . 0 GP-01 09/10/2000 8 . 6 . 0 GP-03 15/02/2001 8 . 7 . 0 GP-04 20/04/2001 8 . 8 . 0 GP-07 04/01/2002 8 . 9 . 0 GP-08 19/02/2002 8 . 10 . 0 GP-14 25/04/2003 8 . 11 . 0	G: yes U:	MCC: USAI, Paolino			
		get it	remarks - general:			
		get it	remarks - this release:			
		get it				
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		get it				

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

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TS 03.68	Voice Group Call Service (VGCS); Stage 2								
R99	current version: 8.2.0		WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)				
	freeze_meeting: SP-06		G: yes U:	MCC: JORGENSEN, Per Johan					
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	NP-07 17/03/2000	8 . 1 . 0		get it	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	8 . 2 . 0		get it					
<hr/>									
TS 03.69	Voice Broadcast service (VBS); Stage 2								
R99	current version: 8.2.0		WG (prime / other): N1 / -	rapporteur: MÜNNING, Dirk	DETECON GMBH				
	freeze_meeting: SP-06		G: yes U:	MCC: JORGENSEN, Per Johan					
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	NP-07 17/03/2000	8 . 1 . 0		get it	remarks - this release: TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0				
	smg-32 20/06/2000	8 . 2 . 0		get it					
<hr/>									
TS 03.71	Location Services (LCS); Functional description; Stage 2								
R99	current version: 8.7.0		WG (prime / other): S2 / -	rapporteur: BROOK, Richard	SAMSUNG Electronics Research Institute				
	freeze_meeting: SP-06		G: yes U:	MCC: YOON, Sang Ui					
	history (event, available, version,								
	Upgrade to R99 30/06/2000	8 . 0 . 0		get it	remarks - general:				
	SP-11 11/04/2001	8 . 1 . 0		get it	remarks - this release: Need identified at TSG#7, since 23.171 does not cover GSM.				
	SP-12 29/06/2001	8 . 2 . 0		get it					
	SP-13 15/10/2001	8 . 3 . 0		get it					
	SP-14 07/01/2002	8 . 4 . 0		get it					
	SP-15 02/04/2002	8 . 5 . 0		get it					
	SP-16 17/06/2002	8 . 6 . 0		get it					
	SP-17 24/09/2002	8 . 7 . 0		get it					
<hr/>									
TS 03.73	Support of Localised Service Area (SoLSA); Stage 2								
R99	current version: 8.0.0		WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB				
	freeze_meeting: SP-16		G: yes U:	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	SP-16 24/06/2002	8 . 0 . 0	technically identical to 23.073 v3.0.1	get it	remarks - general: 2001-10-11: S2->N4 to align with ownership of 23.073.				
					remarks - this release: SP-16: 23.073 reverts to GERAN-only.				

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

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R99 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R99 *current version:* 8.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #31: 8.0.0

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R99 *current version:* 8.0.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
smg-30 11/11/1999 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 07/09/2001 8 . 0 . 1 [get it](#) *remarks - this release:*
edito 17/06/2002 8 . 0 . 2 [get it](#)

TS 04.04 Layer 1 - General Requirements

R99 *current version:* 8.1.2 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: SP-06 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
smg-30 11/11/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30b 06/12/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
ETSI publication 07/09/2001 8 . 1 . 1 [get it](#)
edito 17/06/2002 8 . 1 . 2 [get it](#)

TS 04.05 Data Link (DL) Layer General Aspects

R99 *current version:* 8.0.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
Upgrade to R99 30/03/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 22/09/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .
edito 17/06/2002 8 . 0 . 2 [get it](#)

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TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification				
R99	<i>current version:</i> 8.2.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i>		
	Upgrade to R99 30/03/2000 8 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 29/09/2000 8 . 0 . 1	get it	<i>remarks - this release:</i>		
	GP-03 31/01/2001 8 . 1 . 0	get it			
	edito 31/01/2001 8 . 1 . 1	get it			
	GP-08 19/02/2002 8 . 2 . 0	get it			
	edito 17/06/2002 8 . 2 . 1	get it			
<hr/>					
TS 04.08	Mobile radio interface layer 3 specification				
R99	<i>current version:</i> 8.0.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> N1 / G2	<i>rapporteur:</i> HOWELL, Andrew JORGENSEN, Per Johan	MOTOROLA Ltd	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i>		
	smg-29 30/06/2000 8 . 0 . 0	get it	<i>remarks - general:</i> 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert		
			<i>remarks - this release:</i> #29: 8.0.0 but this should not have been created! (24.008 instead). NP-13: 04.09		
			Thomassen (even numbered CRs!)		
			R99 reinstated until all references corrected (= never!). 2002-02-18: To be		
			withdrawn at NP-15!		
<hr/>					
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface				
R99	<i>current version:</i> 8.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i>		
	GP-04 24/04/2001 8 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> Replaces 24.012 R99.		
<hr/>					
TS 04.13	Performance Requirements on Mobile Radio Interface				
R99	<i>current version:</i> 8.0.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris JORGENSEN, Per Johan	VODAFONE Group Plc	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i>		
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 29/08/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> #31: 8.0.0		

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

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TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions

R99 current version: 8.5.0 WG (prime / other): G2 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert

history (event, available, version,
Upgrade to R99 30/03/2000 8 . 0 . 0 [get it](#) remarks - general:
smg-32 20/06/2000 8 . 1 . 0 [get it](#) remarks - this release:
GP-04 24/04/2001 8 . 2 . 0 [get it](#)
GP-05 18/06/2001 8 . 3 . 0 [get it](#)
GP-10 19/07/2002 8 . 4 . 0 [get it](#)
GP-15 10/07/2003 8 . 5 . 0 [get it](#)

TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

R99 current version: 8.19.0 WG (prime / other): G2 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert

history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) remarks - general:
smg-30 11/11/1999 8 . 1 . 0 [get it](#) remarks - this release:
smg-30b 06/12/1999 8 . 2 . 0 [get it](#)
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
ETSI publication 05/10/2000 8 . 3 . 1 [get it](#)
smg-31b 17/04/2000 8 . 4 . 0 [get it](#)
ETSI publication 17/10/2000 8 . 4 . 1 [get it](#)
smg-32 20/06/2000 8 . 5 . 0 [get it](#)
GP-01 11/10/2000 8 . 6 . 0 [get it](#)
GP-02 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](#)
GP-07 08/01/2002 8 . 12 . 0 [get it](#)
GP-08 19/02/2002 8 . 13 . 0 [get it](#)
GP-09 02/05/2002 8 . 14 . 0 [get it](#)
GP-10 19/07/2002 8 . 15 . 0 [get it](#)
GP-11 16/09/2002 8 . 16 . 0 [get it](#)
GP-12 17/12/2002 8 . 17 . 0 [get it](#)
GP-13 21/02/2003 8 . 18 . 0 [get it](#)
GP-15 10/07/2003 8 . 19 . 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: SP-06 *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](#)

TS 04.31 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)

R99 *current version:* 8.11.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-06 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
Upgrade to R99 30/03/2000 8 . 0 . 0 [get it](#) *remarks - general:*
smg-31b 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](#)
GP-07 08/01/2002 8 . 7 . 0 [get it](#)
GP-08 19/02/2002 8 . 8 . 0 [get it](#)
GP-09 02/05/2002 8 . 9 . 0 [get it](#)
GP-10 19/07/2002 8 . 10 . 0 [get it](#)
GP-16 12/09/2003 8 . 11 . 0 [get it](#)

TS 04.35 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods

R99 *current version:* 8.4.1 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-06 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
Upgrade to R99 30/03/2000 8 . 0 . 0 [get it](#) *remarks - general:*
smg-31b 17/04/2000 8 . 1 . 0 [get it](#) *remarks - this release:*
GP-01 11/10/2000 8 . 2 . 0 [get it](#)
GP-03 31/01/2001 8 . 3 . 0 [get it](#)
GP-07 08/01/2002 8 . 4 . 0 [get it](#)
edito 17/06/2002 8 . 4 . 1 [get it](#)

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

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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 S.A.
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 29/08/2000 8 . 0 . 1 [get it](#) *remarks - this release: #31: 8.0.0*

TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification

R99 *current version:* 8.0.1 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* 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*

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

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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: 8.20.0 WG (prime / other): G2 / - rapporteur: BLACK, Jyoti MOTOROLA
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0	
smg-30	11/11/1999	8	.	1	.	0	
smg-30b	06/12/1999	8	.	2	.	0	
smg-31	16/02/2000	8	.	3	.	0	
ETSI publication	05/10/2000	8	.	3	.	1	
smg-31b	17/04/2000	8	.	4	.	0	
ETSI publication	17/10/2000	8	.	4	.	1	
smg-32	20/06/2000	8	.	5	.	0	
GP-01	11/10/2000	8	.	6	.	0	
GP-02	27/11/2000	8	.	7	.	0	
GP-03	31/01/2001	8	.	8	.	0	
GP-04	04/05/2001	8	.	9	.	0	
GP-05	29/06/2001	8	.	10	.	0	
GP-06	14/09/2001	8	.	11	.	0	
GP-07	07/01/2002	8	.	12	.	0	
edito	08/01/2002	8	.	12	.	1	
GP-08	19/02/2002	8	.	13	.	0	
GP-09	03/05/2002	8	.	14	.	0	
edito post	GP-09	28/05/2002	8	.	14	.	1
GP-10	19/07/2002	8	.	15	.	0	
GP-11	16/09/2002	8	.	16	.	0	
GP-12	17/12/2002	8	.	17	.	0	
GP-14	25/04/2003	8	.	18	.	0	
GP-15	10/07/2003	8	.	19	.	0	
GP-16	13/09/2003	8	.	20	.	0	

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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

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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: 8.7.0	WG (prime / other):	N1 / -	rapporteur:	DOIG, Ian	MOTOROLA S.A.S			
	freeze_meeting: SP-06	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	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:				
	Post SP-06 17/12/1999	8 . 2 . 0		get it					
	smg-31 16/02/2000	8 . 3 . 0		get it					
	NP-08 22/06/2000	8 . 4 . 0		get it					
	NP-09 12/10/2000	8 . 5 . 0		get it					
	NP-10 02/01/2001	8 . 6 . 0		get it					
	NP-14 04/01/2002	8 . 7 . 0		get it					

TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)								
R99	current version: 8.2.0	WG (prime / other):	N1 / -	rapporteur:	DOIG, Ian	MOTOROLA S.A.S			
	freeze_meeting: SP-06	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:	24.065 existed, but scrapped since 04.65 is GSM only.			
	NP-09 12/10/2000	8 . 1 . 0		get it	remarks - this release:				
	NP-13 02/10/2001	8 . 2 . 0		get it					

TS 04.68	Group Call Control (GCC) Protocol								
R99	current version: 8.1.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: SP-06	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	NP-07 17/03/2000	8 . 1 . 0		get it	remarks - this release:				

TS 04.69	Broadcast Call Control (BCC) protocol								
R99	current version: 8.1.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: SP-06	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	NP-07 17/03/2000	8 . 1 . 0		get it	remarks - this release:				

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

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TS 04.71 Location Services (LCS); Mobile radio interface layer 3 specification

R99 *current version:* 8.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:* Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.
smg-31 20/03/2000 8 . 1 . 0 [get it](#) *remarks - this release:*
GP-05 18/06/2001 8 . 2 . 0 [get it](#)
GP-07 08/01/2002 8 . 3 . 0 [get it](#)
edito 17/06/2002 8 . 3 . 1 [get it](#)
GP-10 19/07/2002 8 . 4 . 0 [get it](#)

R99 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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

R99 *current version:* 8.7.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-06 G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-30b 06/12/1999 8 . 2 . 0 [get it](#)
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
smg-32 20/06/2000 8 . 4 . 0 [get it](#)
GP-01 09/10/2000 8 . 5 . 0 [get it](#)
GP-07 04/01/2002 8 . 6 . 0 [get it](#)
GP-14 25/04/2003 8 . 7 . 0 [get it](#)

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

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R99 current version: 8.11.0
freeze_meeting: SP-06

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

NOKIA Corporation

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	1
smg-30	11/11/1999	8	.	1	.	0
smg-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31b	17/04/2000	8	.	4	.	0
ETSI publication	24/10/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
ETSI publication	22/08/2003	8	.	5	.	1
GP-01	09/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-06	01/10/2001	8	.	10	.	0
GP-15	11/07/2003	8	.	11	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

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TS 05.03 Channel coding

R99 current version: 8.7.0
freeze_meeting: SP-06

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

NOKIA Corporation

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31b	17/04/2000	8	.	4	.	0
ETSI publication	17/10/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
ETSI publication	22/08/2003	8	.	5	.	1
GP-02	24/11/2000	8	.	6	.	0
edito	15/02/2001	8	.	6	.	1
GP-14	25/04/2003	8	.	7	.	0

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remarks - general:

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remarks - this release: #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#2:8.6.0

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.04 Modulation							
R99	<i>current version:</i> 8.4.0		<i>WG (prime / other):</i> G1 / -		<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06		<i>G: yes U:</i>		<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>						
	smg-28	12/02/1999	8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30b	06/12/1999	8 . 1 . 0	get it	<i>remarks - this release:</i>		
	edito	02/12/2000	8 . 1 . 1	get it			
ETSI publication		21/02/2001	8 . 1 . 2	get it			
	GP-03	15/02/2001	8 . 2 . 0	get it			
	GP-05	29/06/2001	8 . 3 . 0	get it			
	GP-07	04/01/2002	8 . 4 . 0	get it			
<hr/>							
TS 05.05 Radio Transmission and Reception							
R99	<i>current version:</i> 8.16.0		<i>WG (prime / other):</i> G1 / -		<i>rapporteur:</i> SAMUELSSON, Mats		
	<i>freeze_meeting:</i> SP-06		<i>G: yes U:</i>		<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>						
	smg-29	30/06/1999	8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30	11/11/1999	8 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-30b	06/12/1999	8 . 2 . 0	get it			
	smg-31	16/02/2000	8 . 3 . 0	get it			
ETSI publication		29/09/2000	8 . 3 . 1	get it			
	smg-31b	17/04/2000	8 . 4 . 0	get it			
ETSI publication		22/08/2003	8 . 4 . 1	get it			
	smg-32	20/06/2000	8 . 5 . 0	get it			
ETSI publication		22/08/2003	8 . 5 . 1	get it			
	GP-01	10/10/2000	8 . 6 . 0	get it			
	GP-02	24/11/2000	8 . 7 . 0	get it			
	edito	30/11/2000	8 . 7 . 1	get it			
	GP-03	15/02/2001	8 . 8 . 0	get it			
	GP-04	20/04/2001	8 . 9 . 0	get it			
	GP-05	29/06/2001	8 . 10 . 0	get it			
	GP-06	01/10/2001	8 . 11 . 0	get it			
	GP-09	06/05/2002	8 . 12 . 0	get it			
	GP-10	19/07/2002	8 . 13 . 0	get it			
	GP-11	19/09/2002	8 . 14 . 0	get it			
	GP-14	25/04/2003	8 . 15 . 0	get it			
	GP-16	12/09/2003	8 . 16 . 0	get it			

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R99 current version: 8.18.0
freeze_meeting: SP-06

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer VODAFONE Group Plc
G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31b	17/04/2000	8	.	4	.	0
smg-32	20/06/2000	8	.	5	.	0
GP-01	10/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
edito	30/11/2000	8	.	7	.	1
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-05	29/06/2001	8	.	10	.	0
GP-06	01/10/2001	8	.	11	.	0
GP-07	04/01/2002	8	.	12	.	0
GP-08	19/02/2002	8	.	13	.	0
GP-09	06/05/2002	8	.	14	.	0
GP-10	19/07/2002	8	.	15	.	0
GP-14	25/04/2003	8	.	16	.	0
GP-15	11/07/2003	8	.	17	.	0
GP-16	12/09/2003	8	.	18	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 05.09 Link adaptation

R99 current version: 8.5.0
freeze_meeting: SP-06

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

history (event, available, version,

smg-31	16/02/2000	8	.	0	.	0
ETSI publication	05/10/2000	8	.	0	.	1
smg-32	20/06/2000	8	.	1	.	0
GP-02	24/11/2000	8	.	2	.	0
GP-03	15/01/2001	8	.	3	.	0
GP-06	01/10/2001	8	.	4	.	0
GP-07	04/01/2002	8	.	5	.	0

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[get it](#) remarks - this release:
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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.10	Radio subsystem synchronization					
R99	current version: 8.12.0		WG (prime / other): G1 / -	rapporteur: JOKINEN, Harri		NOKIA MOBILE PHONES
	freeze_meeting: SP-06		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,					
	smg-30 11/11/1999	8 . 0 . 0	get it	remarks - general:		
	smg-30b 06/12/1999	8 . 1 . 0	get it	remarks - this release:		
	smg-31 16/02/1999	8 . 2 . 0	get it			
ETSI publication	29/09/2000	8 . 2 . 1	get it			
smg-31b	17/04/2000	8 . 3 . 0	get it			
smg-32	20/06/2000	8 . 4 . 0	get it			
GP-01	10/10/2000	8 . 5 . 0	get it			
GP-02	24/11/2000	8 . 6 . 0	get it			
edito	30/11/2000	8 . 6 . 1	get it			
GP-03	15/02/2001	8 . 7 . 0	get it			
GP-04	20/04/2001	8 . 8 . 0	get it			
GP-08	19/02/2002	8 . 9 . 0	get it			
GP-10	19/07/2002	8 . 10 . 0	get it			
GP-13	21/02/2003	8 . 11 . 0	get it			
GP-16	12/09/2003	8 . 12 . 0	get it			

TR 05.22	Radio link management in hierarchical networks					
R99	current version: 8.0.0		WG (prime / other): G1 / -	rapporteur: VAN BUSSEL, Han		T-MOBILE DEUTSCHLAND
	freeze_meeting: SP-06		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,					
	Upgrade to R99 30/03/2000	8 . 0 . 0	get it	remarks - general:		
				remarks - this release: .		

TR 05.50	Background for RF Requirements					
R99	current version: 8.2.0		WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels		MOTOROLA A/S
	freeze_meeting: SP-06		G: yes U:	Peter Skov		
	history (event, available, version,			MCC: USAI, Paolino		
	smg-30 11/11/1999	8 . 0 . 0	get it	remarks - general:		
	smg-31 16/02/2000	8 . 1 . 0	get it	remarks - this release: #30: 8.0.0 #31:8.1.0 #31b:8.2.0		
	smg-31b 17/04/2000	8 . 2 . 0	get it			

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.56 GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem

R99 *current version:* 8.0.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/10/2000 8 . 0 . 1 [get it](#) *remarks - this release: .*

R99 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release: .*

TS 06.02 Half Rate Speech Processing Functions

R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release: .*

TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release: .*

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec								
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U:	rapporteur: AFTELAK, Steve MCC: USAI, Paolino		MOTOROLA Ltd				
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 ETSI Publication 15/11/2000 8 . 0 . 1			get it remarks - general: get it remarks - this release: .					
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec								
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U:	rapporteur: SALEM, Tarek MCC: USAI, Paolino		T-MOBILE DEUTSCHLAND				
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0			get it remarks - general: remarks - this release: .					
TS 06.10	Full Rate Speech Transcoding								
R99	current version: 8.2.0 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U:	rapporteur: LORENZ, Dietmar MCC: USAI, Paolino		PHILIPS Semiconductors				
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 Editorial 31/05/2000 8 . 0 . 1 smg-32 20/06/2000 8 . 1 . 0 ETSI Publication 30/11/2000 8 . 1 . 1 SP-12 29/06/2001 8 . 2 . 0			get it remarks - general: get it remarks - this release: get it get it					
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels								
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U:	rapporteur: NAVARRO, William MCC: USAI, Paolino		NORTEL NETWORKS (EUROPE)				
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 ETSI Publication 15/11/2000 8 . 0 . 1			get it remarks - general: get it remarks - this release: .					
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels								
R99	current version: 8.1.0 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U:	rapporteur: SERENO, Daniele MCC: USAI, Paolino		TELECOM ITALIA S.p.A.				
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 ETSI Publication 15/11/2000 8 . 0 . 1 SP-12 29/06/2001 8 . 1 . 0			get it remarks - general: get it remarks - this release: . get it					

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.20	Half Rate Speech Transcoding					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	get it remarks - general:				
	ETSI Publication 15/11/2000 8 . 0 . 1	get it remarks - this release: .				
TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	get it remarks - general:				
	ETSI publicatoin 15/11/2000 8 . 0 . 1	get it remarks - this release: .				
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	get it remarks - general:				
	ETSI Publication 15/11/2000 8 . 0 . 1	get it remarks - this release: .				
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	TELECOM ITALIA S.p.A.		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	get it remarks - general:				
	ETSI Publication 15/11/2000 8 . 0 . 1	get it remarks - this release: .				
TS 06.32	Voice Activity Detection (VAD)					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: BARRETT, Paul	Indicate persons who left Company and wait for new One		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	get it remarks - general:				
	ETSI Publication 15/11/2000 8 . 0 . 1	get it remarks - this release: .				

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http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels						
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): S4 / -	rapporteur: USAI, Paolino		TELECOM ITALIA S.p.A.		
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 ETSI Publication 15/11/2000 8 . 0 . 1	G: yes U:	MCC: USAI, Paolino				
				get it remarks - general: get it remarks - this release: .			
<hr/>							
TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels						
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): S4 / -	rapporteur: BARRETT, Paul		Indicate persons who left Company and wait for new One		
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 ETSI Publication 15/11/2000 8 . 0 . 1	G: yes U:	MCC: USAI, Paolino				
				get it remarks - general: get it remarks - this release: .			
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TS 06.51	GSM Enhanced full rate speech processing functions: General description						
R99	current version: 8.2.0 freeze_meeting: SP-06	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari		NOKIA Corporation		
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 ETSI publication 15/11/2000 8 . 0 . 1 smg-32 20/06/2000 8 . 1 . 0 ETSI publication 30/11/2000 8 . 1 . 1 SP-10 20/12/2000 8 . 2 . 0	G: yes U:	MCC: USAI, Paolino				
				get it remarks - general: get it remarks - this release: #32:8.1.0 TSG#10:8.2.0 get it get it			
<hr/>							
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec						
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari		NOKIA Corporation		
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 ETSI Publication 15/11/2000 8 . 0 . 1	G: yes U:	MCC: USAI, Paolino				
				get it remarks - general: get it remarks - this release: .			

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
R99	current version: 8.2.0	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	get it	remarks - general:			
ETSI publication	15/11/2000 8 . 0 . 1	get it	remarks - this release:			
	smg-32 20/06/2000 8 . 1 . 0	get it				
	SP-10 20/12/2000 8 . 2 . 0	get it				
TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R99	current version: 8.0.0	WG (prime / other): S4 / -	rapporteur: SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	get it	remarks - general:			
			remarks - this release: .			
TS 06.60	Enhanced full rate speech transcoding					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	get it	remarks - general:			
ETSI Publication	15/11/2000 8 . 0 . 1	get it	remarks - this release: .			
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	get it	remarks - general:			
ETSI Publication	15/11/2000 8 . 0 . 1	get it	remarks - this release: .			
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	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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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.	
	history (event, available, version, SP-07 2 . 0 . 0 SP-07 17/03/2000 8 . 0 . 0 fix invisible 10/01/2002 8 . 0 . 1			remarks - general: New at SMG#31. Then became 06.77; new 06.76 has new title. remarks - this release: get it get it		
TS 06.77	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder					
R99	current version: 8.1.1 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.	
	history (event, available, version, smg-32 20/06/2000 8 . 0 . 0 SP-11 10/04/2001 8 . 1 . 0 edito 03/05/2001 8 . 1 . 1			remarks - general: remarks - this release: #32:8.0.0 TSG#11:8.1.0 get it get it get it		
TR 06.78	Results of the AMR noise suppression selection phase					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.	
	history (event, available, version, smg-32 20/06/2000 8 . 0 . 0 Addition of VAF 04/04/2003 8 . 0 . 1 C-Code tool			remarks - general: remarks - this release: get it get it		
TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U:	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation	
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 ETSI Publication 15/11/2000 8 . 0 . 1			remarks - general: remarks - this release: . get it get it		
TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U:	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation	
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 ETSI Publication 15/11/2000 8 . 0 . 1			remarks - general: remarks - this release: . get it get it		

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation
R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R99 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Peter Skov
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
draft 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release: .*

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Peter Skov
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release: .*

TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Peter Skov
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release: .*

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Server ACTIVE specs R99 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface								
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S			
	history (event, available, version,	G: yes	U:	MCC:					
	smg-31 16/02/2000 8 . 0 . 0						get it	remarks - general:	
	edito 17/06/2002 8 . 0 . 1						get it	remarks - this release: .	
<hr/>									
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification								
R99	current version: 8.15.0 freeze_meeting: SP-06	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S			
	history (event, available, version,	G: yes	U:	MCC:					
	smg-29 30/06/1999 8 . 0 . 0						get it	remarks - general:	
	smg-30 11/11/1999 8 . 1 . 0						get it	remarks - this release:	
	smg-30b 06/12/1999 8 . 2 . 0						get it		
	smg-31 16/02/2000 8 . 3 . 0						get it		
	smg-31b 17/04/2000 8 . 4 . 0						get it		
	Fix graphics 16/05/2000 8 . 4 . 1						get it		
	smg-32 20/06/2000 8 . 5 . 0						get it		
	GP-01 11/10/2000 8 . 6 . 0						get it		
	GP-02 27/11/2000 8 . 7 . 0						get it		
	GP-03 31/01/2001 8 . 8 . 0						get it		
	GP-04 04/05/2001 8 . 9 . 0						get it		
	GP-06 14/09/2001 8 . 10 . 0						get it		
	GP-07 08/01/2002 8 . 11 . 0						get it		
	GP-08 19/02/2002 8 . 12 . 0						get it		
	GP-10 19/07/2002 8 . 13 . 0						get it		
	GP-15 10/07/2003 8 . 14 . 0						get it		
	GP-16 12/09/2003 8 . 15 . 0						get it		
<hr/>									
TS 08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1								
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S			
	history (event, available, version,	G: yes	U:	MCC:					
	smg-31 16/02/2000 8 . 0 . 0						get it	remarks - general:	
	edito 17/06/2002 8 . 0 . 1						get it	remarks - this release: .	

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Server ACTIVE specs R99 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 edito 17/06/2002 8 . 0 . 1	G: yes U:	MCC:		remarks - general: remarks - this release: .	get it get it
TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol					
R99	current version: 8.10.0 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: BLACK, Jyoti THOMASEN, Gert	MOTOROLA		
	history (event, available, version, smg-30 11/11/1999 8 . 0 . 0 smg-30b 06/12/1999 8 . 1 . 0 smg-31 16/02/2000 8 . 2 . 0 smg-31b 17/04/2000 8 . 3 . 0 GP-01 11/10/2000 8 . 4 . 0 GP-02 30/11/2000 8 . 5 . 0 edito 23/01/2001 8 . 5 . 1 GP-03 31/01/2001 8 . 6 . 0 GP-04 04/05/2001 8 . 7 . 0 GP-05 18/06/2001 8 . 8 . 0 GP-06 05/10/2001 8 . 9 . 0 GP-09 06/05/2002 8 . 10 . 0	G: yes U:	MCC:		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 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
R99	current version: 8.4.1 freeze_meeting: SP-06	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha BOSWARTHICK, David	NOKIA Corporation		
	history (event, available, version, smg-29 30/06/1999 8 . 0 . 0 smg-30 11/11/1999 8 . 1 . 0 NP-09 18/10/2000 8 . 2 . 0 NP-10 21/12/2000 8 . 3 . 0 NP-11 04/04/2001 8 . 4 . 0 ETSI-format publication 8 . 4 . 1	G: yes U:	MCC:		ETSI publication only - 3GPP to use 8.4.0	remarks - general: remarks - this release: get it get it get it get it get it

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Server ACTIVE specs R99 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification					
R99	current version: 8.1.1 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, Upgrade to R99 11/05/2000 8 . 0 . 0 GP-05 18/06/2001 8 . 1 . 0 edito 17/06/2002 8 . 1 . 1	get it remarks - general: get it remarks - this release: . get it				
<hr/>						
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 edito 17/06/2002 8 . 0 . 1	get it remarks - general: get it remarks - this release: .				
<hr/>						
TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 edito 17/06/2002 8 . 0 . 1	get it remarks - general: get it remarks - this release: .				
<hr/>						
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 edito 17/06/2002 8 . 0 . 1	get it remarks - general: get it remarks - this release: .				

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Server ACTIVE specs R99 08 .- series
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TS 08.56	BSC-BTS Layer 2; Specification				
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 edito 17/06/2002 8 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert		
		get it	remarks - general:		
		get it	remarks - this release:		

TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification				
R99	current version: 8.6.0 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-29 30/06/1999 8 . 0 . 0 smg-30 11/11/1999 8 . 1 . 0 smg-30 11/11/1999 8 . 2 . 0 smg-31 16/02/2000 8 . 3 . 0 smg-31b 17/04/2000 8 . 4 . 0 GP-01 11/10/2000 8 . 5 . 0 GP-02 30/11/2000 8 . 6 . 0	G: yes U:	MCC: THOMASEN, Gert		
		get it	remarks - general:		
		get it	remarks - this release: #29: 8.0.0 #30: 8.1.0 #30: 8.2.0 #31:8.3.0 #31b:8.4.0 GERAN#1:8.5.0		
		get it			
		get it			
		get it			
		get it			

TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels				
R99	current version: 8.2.1 freeze_meeting: SP-06	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-30 11/11/1999 8 . 0 . 1 smg-30b 06/12/1999 8 . 1 . 0 ETSI publication 30/10/2001 8 . 1 . 1 GP-08 19/02/2002 8 . 2 . 0 replace corrupted figure 2.1 24/01/2003 8 . 2 . 1	G: yes U:	MCC: USAI, Paolino		
		get it	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
		get it	remarks - this release:		
		get it			
		get it			

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Server ACTIVE specs R99 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels					
R99	current version: 8.1.0 freeze_meeting: SP-06	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: USAI, Paolino			
history (event, available, version,						
smg-31	16/02/2000	8 . 0 . 0	get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.	
ETSI Publication	15/11/2000	8 . 0 . 1	get it	remarks - this release:	.	
GP-08	19/02/2002	8 . 1 . 0	get it			

TS 08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	TELECOM ITALIA S.p.A.		
		G: yes U:	MCC: USAI, Paolino			
history (event, available, version,						
SP-07	17/03/2000	8 . 0 . 0	get it	remarks - general:	SMG11->S4 at SMG#30	
edito	08/08/2000	8 . 0 . 1	get it	remarks - this release:	.	

TS 08.71	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3					
R99	current version: 8.5.0 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
history (event, available, version,						
smg-31	16/02/2000	8 . 0 . 0	get it	remarks - general:		
smg-31b	17/04/2000	8 . 1 . 0	get it	remarks - this release:		
GP-02	30/11/2000	8 . 2 . 0	get it			
GP-06	14/09/2001	8 . 3 . 0	get it			
GP-07	08/01/2002	8 . 4 . 0	get it			
GP-08	26/03/2002	8 . 5 . 0	get it			

R99 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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TR 09.01 General Network Interworking Scenarios

R99 current version: 8.0.0
freeze_meeting: SP-06
history (event, available, version,
NP-07 15/03/2000 8 . 0 . 0

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: MCC: KYMALAINEN, Kimmo
[get it](#) remarks - general:
remarks - this release: .

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

R99 current version: 8.2.0
freeze_meeting: SP-06
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0
NP-10 02/01/2001 8 . 1 . 0
NP-19 24/03/2003 8 . 2 . 0

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Ericsson Incorporated
Rouzbeh
G: yes U: MCC: JORGENSEN, Per Johan
[get it](#) remarks - general:
[get it](#) remarks - this release: #31: 8.0.0 TSG#10:8.1.0
[get it](#)

TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

R99 current version: 8.6.0
freeze_meeting: SP-06
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0
smg-31b 17/04/2000 8 . 1 . 0
smg-32 20/06/2000 8 . 2 . 0
GP-01 01/09/2000 8 . 3 . 0
GP-06 14/09/2001 8 . 4 . 0
GP-07 08/01/2002 8 . 5 . 0
GP-10 19/07/2002 8 . 6 . 0

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert
[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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R99 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

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Server ACTIVE specs R99 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.56	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1					
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): S2 / -	rapporteur: GALLIGO, Michel	ALCATEL S.A.		
	history (event, available, version, smg-27 09/02/2000 8 . 0 . 0	G: yes U:	MCC: YOON, Sang-Ui			
		get it	remarks - general:			
			remarks - this release:			

TR 10.59	Project scheduling and open issues for EDGE					
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): G1 / -	rapporteur: MUELLER, Frank	Telefon AB LM Ericsson		
	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	G: yes U:	MCC: USAI, Paolino			
		get it	remarks - general:			
		get it	remarks - this release:			
		get it				
		get it				

R99 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1	Mobile station (MS) conformance specification; Part 1: Conformance specification					
R99	current version: 8.3.0 freeze_meeting: SP-06	WG (prime / other): G3ne / S1 /	rapporteur: SALMERON, Lidia	TELEPLUS LIMITED		
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 smg-31 16/02/2000 8 . 1 . 0	NP / T2 / SCP	MCC: CLAYTON, Michael			
	replaced by Rel-5 equivalent. 2001-11-19: G4->G5.	G: yes U:				
	ETSI publication 30/10/2000 8 . 1 . 1	get it	remarks - general:	R99 version now serves all releases. Earlier releases closed.. Subsequently		
	smg-32 20/06/2000 8 . 2 . 0	get it	remarks - this release:	#32:closed. #32:8.2.0 GP-06: Rel-4 serves all releases. GP-06: reopened and		
	GP-06 14/09/2001 8 . 3 . 0	get it		reclosed!		

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R99	<i>current version:</i> 8.4.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T3 / G2, G3ne w	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED
		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus	
	<i>history (event, available, version,</i> auto upgrade to R99 from	8 . 0 . 0	never actually done	<i>remarks - general:</i> TP-17: T3 proposes to take over this spec from G5, and to approve a new R99
	not derived from R96 by CR; also to withdraw the R96 version, since the previous rel			<i>remarks - this release:</i> May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, version
	version will cover all previous Releases. TP-20: accepted by T3 (from G4).			and to approve a new R99 version not derived from R96 by CR; also to withdraw R99
	TP-14	0 . 0 . 1	TP-010250	the R96 version, since the R99 version will cover all previous Releases.
	T3-23	1 . 0 . 0	T3-020405	
	TP-17	2 . 0 . 0	TP-020221 = new draft, not derived by CR from previous version (8.0.0). This version NOT approved, due to unorthodox history of its creation.	
	GP-12 20/12/2002	8 . 1 . 0	Created correctly by a CR to previous version.	get it
	GP-13 21/02/2003	8 . 2 . 0		get it
	GP-14 25/04/2003	8 . 3 . 0		get it
	TP-20 01/07/2003	8 . 4 . 0	late availability due to aesthetics check	get it

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

R99	<i>current version:</i> 8.9.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus	
	smg-29 30/06/1999	8 . 0 . 0		<i>remarks - general:</i>
	smg-30 11/11/1999	8 . 1 . 0		<i>remarks - this release:</i>
	smg-31 16/02/2000	8 . 2 . 0		
	smg-32 20/06/2000	8 . 3 . 0		
	TP-09 18/10/2000	8 . 4 . 0		
	TP-11 09/04/2001	8 . 5 . 0		
	TP-14 17/01/2002	8 . 6 . 0		
	TP-16 25/06/2002	8 . 7 . 0		
	TP-17 18/09/2002	8 . 8 . 0		
	TP-18 02/01/2003	8 . 9 . 0		
	Removal of comments in clause 11	8 . 9 . 1		

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

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.13	Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card								
R99	current version: 8.2.1			WG (prime / other): T3 / -	rapporteur: LLOBREGAT, Fernando	OBERTHUR CARD SYSTEMS S.A.			
	freeze_meeting: SP-06			G: yes U:	MCC: DIETZE, Claus				
	history (event, available, version,								
	TP-17 18/09/2002	8 . 0 . 0	== v7.4.2	get it	remarks - general:				
	TP-18 02/01/2003	8 . 1 . 0		get it	remarks - this release: No work on R99! TP-14: Resurrected as identical copy of R98 v7.4.1.				
	TP-19 26/03/2003	8 . 2 . 0		get it					
	replace Annex E with correct file	16/04/2003	8 . 2 . 1	get it					
<hr/>									
TS 11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface								
R99	current version: 8.14.0			WG (prime / other): T3 / -	rapporteur: WOODSEND, Kristian	Indicate persons who left Company and wait for new One			
	freeze_meeting: TP-06			G: yes U:	MCC: DIETZE, Claus				
	history (event, available, version,								
	smg-29 30/06/1999	8 . 0 . 0		get it	remarks - general:				
	smg-30 11/11/1999	8 . 1 . 0		get it	remarks - this release: TP-11to be :withdrawn at TP-12, subsumed in 31.111; however, CR approved at TP-12, so assume not yet withdrawn!				
	smg-31 16/02/2000	8 . 2 . 0		get it					
	Correction of CR implementation	31/05/2000	8 . 2 . 1	get it					
	smg-32 20/06/2000	8 . 3 . 0		get it					
	TP-09 18/10/2000	8 . 4 . 0		get it					
	TP-10 05/01/2001	8 . 5 . 0		get it					
	TP-11 09/04/2001	8 . 6 . 0	To be withdrawn at TSG#12, subsumed in 31.111	get it					
	TP-12 06/07/2001	8 . 7 . 0	Unwithdrawn!	get it					
	TP-13 12/10/2001	8 . 8 . 0		get it					
	TP-14 16/01/2002	8 . 9 . 0		get it					
	TP-15 28/03/2002	8 . 10 . 0		get it					
	TP-16 25/06/2002	8 . 11 . 0		get it					
	TP-18 02/01/2003	8 . 12 . 0		get it					
	TP-19 26/03/2003	8 . 13 . 0		get it					
	TP-20 23/06/2003	8 . 14 . 0		get it					

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

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.17	Subscriber Interface Module (SIM) test specification									
R99	current version: 8.1.0 freeze_meeting: SP-06			WG (prime / other): T3 / -	rapporteur: BREMNER, David				Indicate persons who left Company and wait for new One	
				G: yes U:	MCC: DIETZE, Claus					
	history (event, available, version,									
	TP-18 02/01/2003 8 . 0 . 0	Technically identical to v7.0.2		get it	remarks - general:					
	TP-19 27/03/2003 8 . 1 . 0			get it	remarks - this release: May 00: R99 not anticipated. TP-18: R99 created.					
<hr/>										
TS 11.21	Base Station System (BSS) equipment specification; Radio aspects									
R99	current version: 8.9.0 freeze_meeting: SP-06			WG (prime / other): G1 / -	rapporteur: VACANT, USAI, Paolino					
				G: yes U:						
	history (event, available, version,									
	smg-30b 06/12/1999 8 . 0 . 0			get it	remarks - general:					
	smg-31 16/02/2000 8 . 1 . 0			get it	remarks - this release:					
	ETSI publication 22/08/2003 8 . 1 . 1			get it						
	smg-31b 17/04/2000 8 . 2 . 0			get it						
	smg-32 20/06/2000 8 . 3 . 0			get it						
	GP-01 01/09/2000 8 . 4 . 0			get it						
	GP-02 24/11/2000 8 . 5 . 0			get it						
	GP-04 18/04/2001 8 . 6 . 0			get it						
	GP-12 03/01/2003 8 . 7 . 0			get it						
	GP-13 21/02/2003 8 . 8 . 0			get it						
	GP-15 11/07/2003 8 . 9 . 0			get it						
<hr/>										
TS 11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters									
R99	current version: 8.0.2 freeze_meeting: SP-06			WG (prime / other): G1 / -	rapporteur: VACANT, USAI, Paolino					
				G: yes U:						
	history (event, available, version,									
	smg-31b 17/04/2000 8 . 0 . 0	based on 5.2.1		get it	remarks - general:					
	start of OAP 24/05/2000 8 . 0 . 1			get it	remarks - this release:					
	ETSI publication 10/10/2000 8 . 0 . 2			get it						

R99 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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Server ACTIVE specs R99 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03	Security Management							
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): S5 / S1 / NP	rapporteur: TRUSS, Michael	MOTOROLA Ltd				
	history (event, available, version, Upgrade to R99 19/04/2000 8 . 0 . 0	G: yes U:	MCC: ZOICAS, Adrian					
		get it	remarks - general:					
			remarks - this release:					
TS 12.04	Performance data measurements							
R99	current version: 8.1.0 freeze_meeting: SP-06	WG (prime / other): S5 / S1 / NP	rapporteur: TOCHE, Christian	NORTEL NETWORKS (EUROPE)				
	history (event, available, version, Upgrade to R99 19/04/2000 8 . 0 . 0 SP-16 28/06/2002 8 . 1 . 0	G: yes U:	MCC: ZOICAS, Adrian					
		get it	remarks - general:					
		get it	remarks - this release:					
TS 12.21	Network Management (NM) procedures and messages on the A-bis interface							
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): G1 / S5	rapporteur: TRUSS, Michael	MOTOROLA Ltd				
	history (event, available, version, GP-09 06/05/2002 8 . 0 . 0	G: yes U:	MCC: USAI, Paolino					
		get it	remarks - general: SP-13: S5->G3 but no change of rapporteur.					
			remarks - this release: GP-09 (Usai) created to fill the Release gap.					
TS 12.71	Location Services (LCS); Location services management							
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): S5 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)				
	history (event, available, version, draft 22/09/1999 0 . 0 . 1 draft 18/10/1999 0 . 0 . 2 draft 03/12/1999 0 . 0 . 3 draft 22/12/1999 0 . 0 . 4 draft 17/01/2000 0 . 0 . 5 draft 22/05/2000 2 . 0 . 0 draft 25/05/2000 2 . 0 . 1 SP-08 21/06/2000 7 . 0 . 0 SP-08 21/06/2000 8 . 0 . 0 ETSI Publication 30/11/2000 8 . 0 . 1	G: yes U:	MCC: ZOICAS, Adrian					
		get it	remarks - general: TSG#11:S5 will no longer maintain.					
		get it	remarks - this release: TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.					
		get it						
		get it						
		get it						
		get it						
		get it						
		get it						
		get it						
		get it						

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

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Server ACTIVE specs R99 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

R99 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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

R99 current version: 3.12.0

WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat

freeze_meeting: SP-07

G: U: yes MCC: POPE, Maurice

history (event, available, version,

SP-05	13/10/1999	1	.	0	.	0		get it	remarks - general:	2003-05: Title changed from "3rd Generation mobile system Release 1999
SP-06	17/12/1999	2	.	0	.	0		get it	remarks - this release:	Specifications".
corrections		2	.	2	.	0	post SP-06			
SP-07		2	.	3	.	0	SP-000037			
SP-07		2	.	4	.	0	SP-000104			
SP-07		2	.	5	.	0				
SP-07	17/03/2000	3	.	0	.	0		get it		
editorial	30/03/2000	3	.	0	.	1		get it		
post-SP-08	28/06/2000	3	.	1	.	0		get it		
SP-10	04/01/2001	3	.	2	.	0		get it		
SP-11	11/04/2001	3	.	3	.	0		get it		
SP-12	05/07/2001	3	.	4	.	0		get it		
SP-13	01/10/2001	3	.	5	.	0		get it		
SP-14	03/01/2002	3	.	6	.	0		get it		
SP-15	27/03/2002	3	.	7	.	0		get it		
SP-16	19/06/2002	3	.	8	.	0		get it		
SP-17	18/09/2002	3	.	9	.	0		get it		
SP-18	03/01/2003	3	.	10	.	0		get it		
SP-19	27/03/2003	3	.	11	.	0		get it		
SP-20	25/06/2003	3	.	12	.	0		get it		

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

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.111 USIM and IC card requirements

R99 current version: 3.4.0
freeze_meeting: SP-03

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

T-MOBILE DEUTSCHLAND

history (event, available, version,
draft 16/10/1998 0 . 0 . 1
Transfer from 04/03/1999 1 . 1 . 0
smg9 to T3
T3 21/04/1999 2 . 0 . 0
TP-03 23/04/1999 3 . 0 . 0
TP-06 17/12/1999 3 . 0 . 1
TP-07 15/03/2000 3 . 1 . 0
TP-08 23/06/2000 3 . 2 . 0
TP-09 18/10/2000 3 . 3 . 0
TP-17 18/09/2002 3 . 4 . 0

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

TS 21.133 3G security; Security threats and requirements

R99 current version: 3.2.0
freeze_meeting: SP-03

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

history (event, available, version,
draft 20/08/1998 0 . 0 . 1
draft 20/10/1998 1 . 0 . 0
WG approval 20/12/1998 2 . 0 . 0
SP-03 23/04/1999 3 . 0 . 0
SP-06 17/12/1999 3 . 1 . 0
SP-14 07/01/2002 3 . 2 . 0

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

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 TeliaSonera AB
G: U: yes MCC: RODERMUND, Friedhelm

history (event, available, version,
TP-08 23/06/2000 3 . 0 . 0

[get it](#) remarks - general: Was formerly 21.910. Renumbered at TSG#7.
remarks - this release: TSG#7:2.0.0 - number changed from 21.910. Not approved. 2.0.0

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

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.900 Technical Specification Group working methods

R99 *current version:* 3.6.0 *freeze_meeting:* SP-03
history (event, available, version,
SP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
SP-04 23/06/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 3 . 2 . 0 [get it](#)
SP-08 28/06/2000 3 . 3 . 0 [get it](#)
SP-09 04/10/2000 3 . 4 . 0 [get it](#)
SP-10 04/01/2001 3 . 5 . 0 [get it](#)
SP-11 11/04/2001 3 . 6 . 0 [get it](#)

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

TR 21.904 User Equipment (UE) capability requirements

R99 *current version:* 3.5.0 *freeze_meeting:* SP-07
history (event, available, version,
TP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
TP-04 18/06/1999 0 . 0 . 3 [get it](#) *remarks - this release:*
TP-05 08/10/1999 1 . 0 . 2 [get it](#)
TP-06 17/12/1999 1 . 1 . 0 [get it](#)
TP-07 2 . 0 . 0 TP-000026 [get it](#)
TP-07 15/03/2000 3 . 0 . 0 [get it](#)
Editorial 30/03/2000 3 . 0 . 1 [get it](#)
TP-08 23/06/2000 3 . 1 . 0 [get it](#)
TP-09 16/10/2000 3 . 2 . 0 [get it](#)
TP-10 05/01/2001 3 . 3 . 0 [get it](#)
TP-13 03/10/2001 3 . 4 . 0 [get it](#)
TP-17 16/09/2002 3 . 5 . 0 [get it](#)

WG (prime / other): T2 / - *rapporteur:* SOOD, Prem SHARP Corporation
G: U: yes *MCC:* RODERMUND, Friedhelm

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

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.905 Vocabulary for 3GPP Specifications

R99 *current version:* 3.3.0 *freeze_meeting:* SP-07 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
G: *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,

SP-05	13/10/1999	0	.	0	.	1	
SP-07	15/03/2000	3	.	0	.	0	SP-000072
SP-06	17/12/1999	3	.	0	.	0	
SP-08	23/06/2000	3	.	1	.	0	
edito	08/08/2000	3	.	1	.	1	
SP-09	18/10/2000	3	.	2	.	0	
SP-13	05/10/2001	3	.	3	.	0	

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

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

R99 *current version:* 3.0.0 *freeze_meeting:* SP-08 *WG (prime / other):* T2 / - *rapporteur:* PERSSON, Sofi TeliaSonera AB
G: *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,

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

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

TR 21.978 Feasibility Technical Report; CAMEL Control of VoIP Services

R99 *current version:* 3.0.0 *freeze_meeting:* SP-07 *WG (prime / other):* N2 / - *rapporteur:* JURISIC, Andrijana
G: yes *U:* yes *MCC:*

history (event, available, version,

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

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

R99

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Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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

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TS 22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)								
R99	current version: 3.2.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting: SP-07	G: yes	U: yes	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-06 17/12/1999	3 . 0 . 0	aprvd with CRs	get it	remarks - general:	Transfer>TSG#5			
	SP-06 17/12/1999	3 . 1 . 0		get it	remarks - this release:				
	edito 18/01/2000	3 . 1 . 1		get it					
	SP-07 17/03/2000	3 . 2 . 0		get it					
<hr/>									
TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)								
R99	current version: 3.6.0	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Research In Motion Limited			
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-05 13/10/1999	3 . 1 . 0		get it	remarks - general:	Transfer>TSG#4			
	SP-06 17/12/1999	3 . 2 . 0		get it	remarks - this release:				
	SP-07 15/03/2000	3 . 3 . 0		get it					
	SP-08 23/06/2000	3 . 4 . 0		get it					
	SP-09 18/10/2000	3 . 5 . 0		get it					
	SP-11 02/04/2001	3 . 6 . 0		get it					
<hr/>									
TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)								
R99	current version: 3.3.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	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	get it	remarks - general:	Transfer>TSG#5			
	SP-06 17/12/1999	3 . 1 . 0		get it	remarks - this release:				
	SP-07 17/03/2000	3 . 2 . 0		get it					
	SP-12 27/06/2001	3 . 3 . 0		get it					
<hr/>									
TS 22.004	General on supplementary services								
R99	current version: 3.3.0	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Research In Motion Limited			
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-05 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					
	SP-16 04/07/2002	3 . 3 . 0		get it					

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

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.011	Service accessibility								
R99	current version: 3.8.0			WG (prime / other): S1 / -	rapporteur: GALLAIRE, Jean Paul	France Telecom			
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	txferd to 3GPP 01/06/2000	3 . 0 . 0		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					
	SP-14 10/01/2002	3 . 6 . 0		get it					
	SP-15 25/03/2002	3 . 7 . 0		get it					
	SP-17 17/09/2002	3 . 8 . 0		get it					
TS 22.016	International Mobile Equipment Identities (IMEI)								
R99	current version: 3.3.0			WG (prime / other): S1 / -	rapporteur: KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-05 13/10/1999	3 . 0 . 1		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					
	SP-16 04/07/2002	3 . 3 . 0		get it					
TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification								
R99	current version: 3.2.1			WG (prime / other): S3 / -	rapporteur: NGUYEN NGOC, Sebastien	France Telecom			
	freeze_meeting: SP-05			G: yes U: yes	MCC: POPE, Maurice				
	history (event, available, version,								
	SP-05 13/10/1999	3 . 0 . 1		get it	remarks - general: Transfer>TSG#4				
	SP-08 28/06/2000	3 . 1 . 0	difficulty in implementing CR	get it	remarks - this release:				
	SP-16 19/06/2002	3 . 2 . 0		get it					
	edito post SP-16 24/06/2002	3 . 2 . 1	corrects change history	get it					

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

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.024	Description of Charge Advice Information (CAI)					
R99	current version: 3.0.1 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes	rapporteur: DWYER, Paul MCC: CLAYTON, Michael		NORTEL NETWORKS (EUROPE)	
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1	get it	remarks - general: Transfer>TSG#4,CR at TSG#5 remarks - this release: .			
<hr/>						
TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)					
R99	current version: 3.4.0 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes	rapporteur: TOIVANEN, Annukka MCC: CLAYTON, Michael		NOKIA Corporation	
	history (event, available, version, SP-05 30/10/1999 3 . 0 . 0 SP-05 30/10/1999 3 . 1 . 0 SP-06 17/12/1999 3 . 2 . 0 SP-07 17/03/2000 3 . 3 . 0 SP-09 18/10/2000 3 . 4 . 0	get it get it get it get it get it	remarks - general: Transfer>TSG#4 remarks - this release:			
<hr/>						
TS 22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1					
R99	current version: 3.0.0 freeze_meeting: SP-18	WG (prime / other): S3 / G: yes U: yes	rapporteur: WRIGHT, Tim MCC: POPE, Maurice		Indicate persons who left Company and wait for new One	
	history (event, available, version, SP-18 06/01/2003 3 . 0 . 0	Technically identical to 02.31 v8.0.1. get it	remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & remarks - this release: Created from 02.31 R99. Rel-5 -> 22.031.			
<hr/>						
TS 22.032	Immediate Service Termination (IST); Service description; Stage 1					
R99	current version: 3.0.0 freeze_meeting: SP-16	WG (prime / other): S3 / G: yes U: yes	rapporteur: WRIGHT, Tim MCC: POPE, Maurice		Indicate persons who left Company and wait for new One	
	history (event, available, version, SP-16 24/06/2002 3 . 0 . 0	get it	remarks - general: SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). remarks - this release: SP-16: Takes over from 02.32 R99.			

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

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TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1					
R99	current version: 3.2.1	WG (prime / other): S1 / -	rapporteur: KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 1 . 0	get it	remarks - general: Transfer>TSG#4			
	SP-07 15/03/2000 3 . 2 . 0	get it	remarks - this release:			
	edito 25/04/2000 3 . 2 . 1	get it				
<hr/>						
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1					
R99	current version: 3.3.0	WG (prime / other): S1 / -	rapporteur: CARPENTER, Paul	Research In Motion Limited		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 30/10/1999 3 . 0 . 0	get it	remarks - general: Transfer>TSG#4			
	SP-07 17/03/2000 3 . 1 . 0	get it	remarks - this release:			
	SP-08 28/06/2000 3 . 2 . 0	get it				
	SP-20 18/06/2003 3 . 3 . 0	get it				
<hr/>						
TS 22.041	Operator Determined Call Barring					
R99	current version: 3.3.1	WG (prime / other): S1 / -	rapporteur: WOLAK, Stephen	VODAFONE Group Plc		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 1 . 0	get it	remarks - general: Transfer>TSG#4			
	SP-10 08/01/2001 3 . 2 . 0	get it	remarks - this release:			
	SP-11 02/04/2001 3 . 3 . 0	get it				
	edito 26/04/2001 3 . 3 . 1	get it				
<hr/>						
TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1					
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 0 . 1	get it	remarks - general: Transfer>TSG#4			
			remarks - this release: CR to 3.0.1 not aprvd.			

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TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1								
R99	current version: 3.0.1 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes		rapporteur: CATALDO, Mark MCC: CLAYTON, Michael		Openwave Systems (N.I.) Ltd			
	history (event, available, version, SP-05 25/10/1999 3 . 0 . 0 edito 25/10/1999 3 . 0 . 1	get it get it	remarks - general: remarks - this release:	Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution Environment (MExE); Stage 1".					
<hr/>									
TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1								
R99	current version: 3.5.0 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes		rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited			
	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-08 28/06/2000 3 . 4 . 0 SP-09 18/10/2000 3 . 5 . 0	get it get it get it get it get it	remarks - general: remarks - this release:	Transfer>TSG#4					
<hr/>									
TS 22.066	Support of Mobile Number Portability (MNP); Stage 1								
R99	current version: 3.2.0 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes		rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael		EMCOM Ltd			
	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	get it get it get it	remarks - general: remarks - this release:	Transfer>TSG#4					
<hr/>									
TS 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1								
R99	current version: 3.0.1 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes		rapporteur: SWETINA, Joerg MCC: CLAYTON, Michael		SIEMENS AG			
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1	get it	remarks - general: remarks - this release:	Transfer>TSG#4					
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TS 22.071	Location Services (LCS); Stage 1					
R99	current version: 3.4.0	WG (prime / other): S1 / -	rapporteur: WOHLERT, Randolph	SBC Communications Inc.		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 1 . 0	get it	remarks - general: Transfer>TSG#4			
	SP-06 17/12/1999 3 . 2 . 0	get it	remarks - this release:			
	SP-09 18/10/2000 3 . 3 . 0	get it				
	SP-15 25/03/2002 3 . 4 . 0	get it				
<hr/>						
TS 22.072	Call Deflection (CD); Stage 1					
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: RAUCH, Horst	T-MOBILE DEUTSCHLAND		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 0 . 1	get it	remarks - general: Transfer>TSG#4			
			remarks - this release: .			
<hr/>						
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1					
R99	current version: 3.9.0	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 1 . 0	get it	remarks - general:			
	SP-06 17/12/1999 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				
	edito 09/08/2000 3 . 4 . 1	get it				
	SP-09 31/10/2000 3 . 5 . 0	get it				
	SP-10 08/01/2001 3 . 6 . 0	get it				
	SP-11 02/04/2001 3 . 7 . 0	get it				
	SP-12 27/06/2001 3 . 8 . 0	get it				
	SP-15 25/03/2002 3 . 9 . 0	get it				
<hr/>						
TS 22.079	Support of optimal routing; Stage 1					
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 0 . 1	get it	remarks - general: Transfer>TSG#4			
			remarks - this release: .			

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TS 22.081	Line Identification supplementary services; Stage 1					
R99	current version: 3.2.0 freeze_meeting: SP-05	WG (prime / other): S1 / -	rapporteur: AHNBERG, Tomas		Indicate persons who left Company and wait for new One	
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1 SP-08 28/06/2000 3 . 2 . 0	G: yes U: yes	MCC: CLAYTON, Michael			
		get it	remarks - general: Transfer>TSG#4			
		get it	remarks - this release:			
<hr/>						
TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1					
R99	current version: 3.0.1 freeze_meeting: SP-05	WG (prime / other): S1 / -	rapporteur: EVEN, Anne		France Telecom	
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1	G: yes U: yes	MCC: CLAYTON, Michael			
		get it	remarks - general: Transfer>TSG#4			
			remarks - this release: .			
<hr/>						
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1					
R99	current version: 3.0.1 freeze_meeting: SP-05	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael		EMCOM Ltd	
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1	G: yes U: yes	MCC: CLAYTON, Michael			
		get it	remarks - general: Transfer>TSG#4			
			remarks - this release: .			
<hr/>						
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1					
R99	current version: 3.0.1 freeze_meeting: SP-05	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael		EMCOM Ltd	
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1	G: yes U: yes	MCC: CLAYTON, Michael			
		get it	remarks - general: Transfer>TSG#4			
			remarks - this release: .			
<hr/>						
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1					
R99	current version: 3.1.0 freeze_meeting: SP-05	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael		EMCOM Ltd	
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1 SP-06 17/12/1999 3 . 1 . 0	G: yes U: yes	MCC: CLAYTON, Michael			
		get it	remarks - general: Transfer>TSG#4			
		get it	remarks - this release: .			

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TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1								
R99	current version: 3.1.0 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes		rapporteur: DWYER, Paul MCC: CLAYTON, Michael					NORTEL NETWORKS (EUROPE)
	history (event, available, version, SP-05 13/10/1999 3 . 1 . 0					get it	remarks - general: Transfer>TSG#4 remarks - this release:		
TS 22.087	User-to-user signalling (UUS); Stage 1								
R99	current version: 3.1.0 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes		rapporteur: BRADEN, Christian MCC: CLAYTON, Michael					T-MOBILE DEUTSCHLAND
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1		3.0.1, but should have been 3.1.0 to include a CR wrongly attributed to 22.086.			get it	remarks - general: Transfer>TSG#4 remarks - this release:		
	incorporation of 01/02/2000 3 . 1 . 0 lost CR from					get it			
TS 22.088	Call Barring (CB) supplementary services; Stage 1								
R99	current version: 3.0.2 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes		rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael					EMCOM Ltd
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1 edito 27/11/2000 3 . 0 . 2					get it get it	remarks - general: Transfer>TSG#4 remarks - this release: .		
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1								
R99	current version: 3.1.0 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes		rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael					NOKIA Corporation
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1 SP-07 15/03/2000 3 . 1 . 0					get it get it	remarks - general: Transfer>TSG#4 remarks - this release:		
TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1								
R99	current version: 3.1.0 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes		rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael					EMCOM Ltd
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1 SP-09 18/10/2000 3 . 1 . 0					get it get it	remarks - general: Transfer>TSG#4 remarks - this release:		

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TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1								
R99	<i>current version:</i> 3.0.1 <i>freeze_meeting:</i> SP-05 <i>history (event, available, version,</i> SP-05 13/10/1999 3 . 0 . 1	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael	EMCOM Ltd				
		get it		<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .					
<hr/>									
TS 22.094	Follow Me service description - Stage 1								
R99	<i>current version:</i> 3.1.0 <i>freeze_meeting:</i> SP-06 <i>history (event, available, version,</i> SP-06 17/12/1999 3 . 1 . 0	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> BERGMANN, Ansgar <i>MCC:</i> CLAYTON, Michael	Deutsche Telekom AG				
		get it		<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to <i>remarks - this release:</i> Transfer>TSG#6; Anticipate that v3.y.z will be withdrawn. Apr2001: Unwithdrawn. scrap					
02,94 R99 in favour of a common GSM/UMTS spec, 22.094.									
August 2001: still debating whether this is GSM-only or common.									
<hr/>									
TS 22.096	Name identification supplementary services; Stage 1								
R99	<i>current version:</i> 3.0.1 <i>freeze_meeting:</i> SP-05 <i>history (event, available, version,</i> SP-05 13/10/1999 3 . 0 . 1	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael	EMCOM Ltd				
		get it		<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .					
<hr/>									
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1								
R99	<i>current version:</i> 3.2.0 <i>freeze_meeting:</i> SP-05 <i>history (event, available, version,</i> SP-05 13/10/1999 3 . 1 . 0 SP-09 18/10/2000 3 . 2 . 0	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> DWYER, Paul <i>MCC:</i> CLAYTON, Michael	NORTEL NETWORKS (EUROPE)				
		get it		<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .					
		get it							

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TS 22.100 UMTS Phase 1

R99 *current version:* 3.7.0
freeze_meeting: SP-03

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

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
SP-03 23/04/1999 3 . 0 . 0
SP-03 23/04/1999 3 . 2 . 0
SP-04 23/06/1999 3 . 3 . 0
SP-05 13/10/1999 3 . 4 . 0
SP-06 17/12/1999 3 . 5 . 0
SP-07 15/03/2000 3 . 6 . 0
SP-13 05/10/2001 3 . 7 . 0

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[get it](#) *remarks - this release:*
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TS 22.101 Service aspects; Service principles

R99 *current version:* 3.14.0
freeze_meeting: SP-03

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

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
SP-20 18/06/2003 3 . 14 . 0

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TS 22.105 Services and service capabilities

R99 current version: 3.10.0
freeze_meeting: SP-03

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

history (event, available, version,

First complete	13/06/1997	1	.	0	.	0
draft	19/12/1997	1	.	4	.	1
WG approval	15/02/1998	2	.	0	.	0
smg-25	20/03/1998	3	.	0	.	0
smg-26	20/06/1998	3	.	1	.	0
smg-28	15/02/1999	3	.	2	.	0
SP-03	23/04/1999	3	.	4	.	0
SP-04	23/06/1999	3	.	5	.	0
SP-05	13/10/1999	3	.	6	.	0
SP-06	17/12/1999	3	.	7	.	0
SP-07	15/03/2000	3	.	8	.	0
SP-08	28/06/2000	3	.	9	.	0
SP-10	08/01/2001	3	.	10	.	0

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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, TELECOM ITALIA S.p.A.
G: yes U: yes MCC: Emanuele 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

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TR 22.121 Service aspects; The Virtual Home Environment; Stage 1

R99	current version: 3.3.1	WG (prime / other): S1 / -	rapporteur: OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited
	freeze_meeting: SP-04	G: yes U: yes	MCC: CLAYTON, Michael	
history (event, available, version,				
OSP parts	04/03/1999	0 . 0 . 0	get it	remarks - general: Former title: "Provision of Services in UMTS - The Virtual Home Environment;
extracted from				remarks - this release: Stage 1". SP-16: converted from TS to TR.
22,121 v3,2,0				
draft	04/04/1999	0 . 1 . 0	get it	
SP-04	23/06/1999	3 . 0 . 0	get it	
SP-05	13/10/1999	3 . 1 . 0	get it	
SP-07	15/03/2000	3 . 2 . 0	get it	
SP-08	28/06/2000	3 . 3 . 0	get it	
SP-16	19/07/2002	3 . 3 . 1	get it	Converted from TS to TR.

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

R99	current version: 3.6.0	WG (prime / other): S1 / -	rapporteur: SAMPSON, Nick	ORANGE PCS LTD
	freeze_meeting: SP-03	G: yes U: yes	MCC: CLAYTON, Michael	
history (event, available, version,				
Start of work	04/03/1999	0 . 0 . 0	get it	remarks - general:
Table of Contents	04/03/1999	0 . 1 . 0	get it	remarks - this release:
and Scope				
First complete	22/04/1999	1 . 0 . 0	get it	
SP-03	23/01/1999	1 . 2 . 0	get it	
SP-03	23/04/1999	3 . 0 . 0	get it	
SP-05	13/10/1999	3 . 1 . 0	get it	
SP-06	17/12/1999	3 . 2 . 0	get it	
SP-08	28/06/2000	3 . 3 . 0	get it	
SP-09	18/10/2000	3 . 4 . 0	get it	
SP-10	08/01/2001	3 . 5 . 0	get it	
SP-14	10/01/2002	3 . 6 . 0	get it	

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

3GPP specification status

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.135 Multicall; Service description; Stage 1

R99 current version: 3.4.0
freeze_meeting: SP-06

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

history (event, available, version,

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](#)

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

R99 current version: 3.1.0
freeze_meeting: SP-06

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

history (event, available, version,

SP-03 23/04/1999 0 . 0 . 0 [get it](#) remarks - general: (development in T2)

SP-05 08/10/1999 1 . 0 . 0 [get it](#) remarks - this release:

SP-06 17/12/1999 2 . 0 . 0 [get it](#)

SP-08 28/06/2000 3 . 1 . 0 [get it](#)

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

R99 current version: 3.0.0
freeze_meeting: SP-05

WG (prime / other): T2 / NP rapporteur: COLBAN, Erik ERICSSON AS
G: yes U: yes MCC: RODERMUND, Friedhelm

history (event, available, version,

TP-03 28/04/1999 1 . 0 . 0 [get it](#) remarks - general:

TP-05 08/10/1999 3 . 0 . 0 [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 ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.971 Automatic establishment of roaming relationships

R99 current version: 3.1.1
freeze_meeting: SP-03

WG (prime / other): S1 / - rapporteur: MONTEGROSSO, TELECOM ITALIA S.p.A.
Emanuele

G: U: yes MCC: CLAYTON, Michael

history (event, available, version,
and Scope
Table of Contents 19/10/1997 0 . 0 . 1
First complete 19/12/1997 1 . 1 . 1
WG approval 15/02/1998 2 . 0 . 0
smg-25 20/03/1998 3 . 0 . 0
SP-03 23/04/1999 3 . 1 . 1

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TR 22.975 Advanced addressing

R99 current version: 3.1.0
freeze_meeting: SP-03

WG (prime / other): S1 / - rapporteur: KLEIER, Stephan Vodafone D2 GmbH
CLAYTON, Michael

G: U: yes MCC: CLAYTON, Michael

history (event, available, version,
and Scope
Table of Contents 17/10/1997 0 . 1 . 0
First complete 19/12/1997 1 . 0 . 0
WG approval 15/02/1998 2 . 0 . 0
smg-25 20/03/1998 3 . 0 . 0
SP-03 23/04/1999 3 . 0 . 1
SP-05 13/10/1999 3 . 1 . 0

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

[get it](#)

[get it](#)

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[get it](#)

R99 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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

3GPP specification status

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.002	Network architecture					
R99	current version: 3.6.0		WG (prime / other): S2 / -	rapporteur: SULTAN, Alain	SOURCE COM	
	freeze_meeting: SP-05		G: yes U: yes	MCC: YOON, Sang-Ui		
	history (event, available, version,					
	SP-05 13/10/1999	3 . 1 . 0	get it	remarks - general: Transfer>TSG#4,CR at TSG#5		
	SP-06 17/12/1999	3 . 2 . 0	get it	remarks - this release:		
	SP-07 15/03/2000	3 . 3 . 0	get it			
	SP-10 21/12/2000	3 . 4 . 0	get it			
	SP-14 07/01/2002	3 . 5 . 0	get it			
	SP-17 24/09/2002	3 . 6 . 0	get it			

TS 23.003	Numbering, Addressing and Identification					
R99	current version: 3.12.0		WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE LTD	
	freeze_meeting: SP-03		G: yes U: yes	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,					
	NP-03 23/04/1999	3 . 0 . 0	get it	remarks - general:		
	NP-04 23/06/1999	3 . 1 . 0	get it	remarks - this release:		
	NP-05 13/10/1999	3 . 2 . 0	get it			
	NP-06 15/12/1999	3 . 3 . 0	get it			
	NP-07 15/03/2000	3 . 4 . 0	get it			
	edito 17/05/2000	3 . 4 . 1	get it			
	NP-08 28/06/2000	3 . 5 . 0	get it			
	NP-09 26/10/2000	3 . 6 . 0	get it			
	NP-10 21/12/2000	3 . 7 . 0	get it			
	NP-11 02/04/2001	3 . 8 . 0	get it			
	NP-12 27/06/2001	3 . 9 . 0	get it			
	NP-16 21/06/2002	3 . 10 . 0	get it			
	NP-17 17/09/2002	3 . 11 . 0	get it			
	NP-20 27/06/2003	3 . 12 . 0	get it			

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.007 Restoration procedures

R99 current version: 3.5.0
freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD
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 . 1 . 3
NP-06 15/12/1999 3 . 2 . 0
NP-07 15/03/2000 3 . 3 . 0
NP-08 28/06/2000 3 . 4 . 0
NP-16 21/06/2002 3 . 5 . 0

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

TS 23.008 Organisation of subscriber data

R99 current version: 3.8.0
freeze_meeting: SP-03

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

history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-05 13/10/1999 3 . 1 . 0
NP-06 15/12/1999 3 . 2 . 0
NP-07 15/03/2000 3 . 3 . 0
NP-08 28/06/2000 3 . 4 . 0
NP-09 26/10/2000 3 . 5 . 0
NP-12 27/06/2001 3 . 6 . 0
NP-16 21/06/2002 3 . 7 . 0
NP-20 27/06/2003 3 . 8 . 0

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

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.009 Handover procedures

R99 current version: 3.14.0
freeze_meeting: SP-03

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

G: yes U: yes MCC: ROUZBEH, 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

NP-14 08/01/2002 3 . 9 . 0

NP-16 20/06/2002 3 . 10 . 0

NP-17 17/09/2002 3 . 11 . 0

NP-18 02/01/2003 3 . 12 . 0

NP-19 24/03/2003 3 . 13 . 0

NP-20 27/06/2003 3 . 14 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

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TS 23.011 Technical realization of Supplementary Services

R99 current version: 3.1.0
freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

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

edito 06/06/2000 3 . 0 . 1

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

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.012 Location management procedures

R99 *current version:* 3.3.0
freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
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:*
[get it](#)
[get it](#)
[get it](#)

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

R99 *current version:* 3.2.0
freeze_meeting: SP-03

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
NP-17 17/09/2002 3 . 2 . 0

[get it](#) *remarks - general:* Should not be in UMTS ????
[get it](#) *remarks - this release:* .
[get it](#)

TS 23.015 Technical realisation of Operator Determined Barring (ODB)

R99 *current version:* 3.1.0
freeze_meeting: SP-03

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

history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-04 23/06/1999 3 . 1 . 0

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

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.016 Subscriber data management; Stage 2

R99 current version: 3.9.0
freeze_meeting: SP-03

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

history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-04 23/06/1999 3 . 1 . 0
NP-05 13/10/1999 3 . 2 . 0
NP-06 15/12/1999 3 . 3 . 0
NP-07 15/03/2000 3 . 4 . 0
NP-08 23/06/2000 3 . 5 . 0
NP-09 26/10/2000 3 . 6 . 0
NP-11 30/03/2001 3 . 7 . 0
NP-15 28/03/2002 3 . 8 . 0
NP-17 17/09/2002 3 . 9 . 0

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

TS 23.018 Basic Call Handling; Technical realization

R99 current version: 3.12.0
freeze_meeting: SP-03

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

history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-04 23/06/1999 3 . 1 . 0
NP-05 13/10/1999 3 . 2 . 0
NP-06 15/12/1999 3 . 3 . 0
NP-07 15/03/2000 3 . 4 . 0
NP-08 23/06/2000 3 . 5 . 0
NP-09 25/10/2000 3 . 6 . 0
NP-11 06/04/2001 3 . 7 . 0
NP-12 04/07/2001 3 . 8 . 0
NP-13 03/10/2001 3 . 9 . 0
NP-14 16/01/2002 3 . 10 . 0
NP-15 28/03/2002 3 . 11 . 0
NP-19 04/04/2003 3 . 12 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2								
R99	current version: 3.0.0 freeze_meeting: SP-18	WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	history (event, available, version, SP-18 06/01/2003 3 . 0 . 0	G: yes U: yes	MCC: POPE, Maurice						
	Technically identical to 03.31 v8.0.0	get it	remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5 -> 23.031.						
			remarks - this release: Created from 03.31 R99.						
<hr/>									
TS 23.032	Universal Geographical Area Description (GAD)								
R99	current version: 3.2.1 freeze_meeting: SP-03	WG (prime / other): S2 / -	rapporteur: HIETALAHTI, Hannu	NOKIA Corporation					
	history (event, available, version, SP-03 23/04/1999 3 . 0 . 0 SP-07 15/03/2000 3 . 1 . 0 SP-18 07/01/2003 3 . 2 . 0 edito post SP-18 10/01/2003 3 . 2 . 1 to correct figures	G: yes U: yes	MCC: YOON, Sang-Ui						
		get it	remarks - general: S2 responsibility?						
		get it	remarks - this release:						
		get it							
		get it							
<hr/>									
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:						
	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	G: yes U: yes	MCC: JORGENSEN, Per Johan						
		get it	remarks - general:						
		get it	remarks - this release:						
		get it							
		get it							
		get it							
<hr/>									
TS 23.035	Immediate Service Termination (IST); Stage 2								
R99	current version: 3.1.0 freeze_meeting: SP-16	WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	history (event, available, version, SP-16 24/06/2002 3 . 0 . 0 SP-17 18/09/2002 3 . 1 . 0	G: yes U: yes	MCC: POPE, Maurice						
		get it	remarks - general: SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).						
		get it	remarks - this release: SP-16: takes over from 03,35 R99.						

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.038	Alphabets and language-specific information					
R99	current version: 3.3.0	WG (prime / other): T2 / -	rapporteur: HARRIS, Ian	Research In Motion Limited		
	freeze_meeting: SP-04	G: yes U: yes	MCC: RODERMUND, Friedhelm			
	history (event, available, version,					
	TP-03 28/04/1999 1 . 0 . 0	get it	remarks - general:			
	TP-04 23/06/1999 3 . 1 . 0	get it	remarks - this release: additional CR for R99 on SMS enhanced message content expected at TSG-T#7.			
			No, evidently not.			
	TP-05 08/10/1999 3 . 2 . 0	get it				
	TP-06 17/12/1999 3 . 3 . 0	get it				
<hr/>						
TR 23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)					
R99	current version: 3.2.0	WG (prime / other): T2 / -	rapporteur: HARRIS, Ian	Research In Motion Limited		
	freeze_meeting: SP-04	G: yes U: yes	MCC: RODERMUND, Friedhelm			
	history (event, available, version,					
	TP-03 28/04/1999 1 . 0 . 0	get it	remarks - general:			
	TP-04 23/06/1999 3 . 0 . 0	get it	remarks - this release:			
	TP-06 completed 17/12/1999 3 . 1 . 0	get it				
	TP-09 04/10/2000 3 . 2 . 0	get it				
<hr/>						
TS 23.040	Technical realization of Short Message Service (SMS)					
R99	current version: 3.10.0	WG (prime / other): T2 / -	rapporteur: HARRIS, Ian	Research In Motion Limited		
	freeze_meeting: SP-04	G: yes U: yes	MCC: RODERMUND, Friedhelm			
	history (event, available, version,					
	TP-03 28/04/1999 1 . 0 . 0	get it	remarks - general:			
	TP-04 23/06/1999 3 . 1 . 0	get it	remarks - this release:			
	TP-05 08/10/1999 3 . 2 . 0	get it				
	TP-06 17/12/1999 3 . 3 . 0	get it				
	TP-07 15/03/2000 3 . 4 . 0	get it				
	edito 19/04/2000 3 . 4 . 1	get it				
	TP-08 23/06/2000 3 . 5 . 0	get it				
	TP-13 03/10/2001 3 . 6 . 0	get it				
	TP-14 11/01/2002 3 . 7 . 0	get it				
	TP-15 21/03/2002 3 . 8 . 0	get it				
	TP-16 25/06/2002 3 . 9 . 0	get it				
	TP-20 25/06/2003 3 . 10 . 0	get it				

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 *current version:* 3.5.0 *freeze_meeting:* SP-05
history (event, available, version,
TP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
TP-05 08/10/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
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](#)
TP-16 25/06/2002 3 . 5 . 0 [get it](#)

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

TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0 *freeze_meeting:* SP-04
history (event, available, version,
TP-03 28/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*
TP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.
TP-06 17/12/1999 3 . 1 . 0 [get it](#) test vectors provided 23/01/200

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

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

R99 *current version:* 3.4.0 *freeze_meeting:* SP-06
history (event, available, version,
TP-03 28/04/1999 1 . 0 . 0 [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](#)

WG (prime / other): T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd
G: yes U: yes *MCC:* RODERMUND, Friedhelm

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

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

R99 *current version:* 3.15.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version,

SP-05	13/10/1999	3	.	1	.	0	get it	<i>remarks - general:</i>	Transfer>TSG#4
SP-06	23/12/1999	3	.	2	.	0	get it	<i>remarks - this release:</i>	
SP-07	15/03/2000	3	.	3	.	0	get it		
SP-08	28/06/2000	3	.	4	.	0	get it		
SP-09	04/11/2000	3	.	5	.	0	get it		
SP-10	12/01/2001	3	.	6	.	0	get it		
SP-11	06/04/2001	3	.	7	.	0	get it		
SP-12	29/06/2001	3	.	8	.	0	get it		
SP-13	12/10/2001	3	.	9	.	0	get it		
SP-14	09/01/2002	3	.	10	.	0	get it		
edito		3	.	10	.	1			
SP-15	07/04/2002	3	.	11	.	0	get it		
SP-16	17/06/2002	3	.	12	.	0	get it		
SP-17	02/10/2002	3	.	13	.	0	get it		
SP-18	10/01/2003	3	.	14	.	0	get it		
SP-20	20/06/2003	3	.	15	.	0	get it		

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

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-05	13/10/1999	3	.	1	.	0	get it	<i>remarks - general:</i>	Transfer>TSG#4, CR at TSG#5
NP-07	15/03/2000	3	.	2	.	0	get it	<i>remarks - this release:</i>	
NP-08	23/06/2000	3	.	3	.	0	get it		

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

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0	get it	<i>remarks - general:</i>	
NP-07	15/03/2000	3	.	1	.	0	get it	<i>remarks - this release:</i>	
NP-10	21/12/2000	3	.	2	.	0	get it		
NP-12	27/06/2001	3	.	3	.	0	get it		

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

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TS 23.072 Call Deflection Supplementary Service; Stage 2

R99 current version: 3.3.0 WG (prime / other): N4 / - rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) remarks - general:
NP-05 13/10/1999 3 . 1 . 0 [get it](#) remarks - this release: .
NP-06 17/12/1999 3 . 2 . 0 [get it](#)
NP-09 26/10/2000 3 . 3 . 0 [get it](#)

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

R99 current version: 3.17.0 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 [get it](#) remarks - general: CR at TSG#4,CR at TSG#5
NP-04 23/06/1999 3 . 1 . 0 [get it](#) remarks - this release: Phase 3. TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00.
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 09/10/2000 3 . 6 . 0 [get it](#)
NP-10 04/01/2001 3 . 7 . 0 [get it](#)
NP-11 02/04/2001 3 . 8 . 0 [get it](#)
NP-12 29/06/2001 3 . 9 . 0 [get it](#)
NP-13 03/10/2001 3 . 10 . 0 [get it](#)
NP-14 04/01/2002 3 . 11 . 0 [get it](#)
NP-15 19/03/2002 3 . 12 . 0 [get it](#)
NP-16 17/06/2002 3 . 13 . 0 [get it](#)
NP-17 17/09/2002 3 . 14 . 0 [get it](#)
NP-18 18/12/2002 3 . 15 . 0 [get it](#)
NP-19 25/03/2003 3 . 16 . 0 [get it](#)
NP-20 23/06/2003 3 . 17 . 0 [get it](#)

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

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

R99 *current version:* 3.8.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: SP-03 G: yes U: yes *MCC:* Chalmers
KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* CR at TSG#4,CR at TSG#5
NP-04 23/06/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 13/10/1999 3 . 2 . 0 [get it](#)
NP-06 15/12/1999 3 . 3 . 0 [get it](#)
NP-07 15/03/2000 3 . 4 . 0 [get it](#)
NP-08 23/06/2000 3 . 5 . 0 [get it](#)
NP-09 26/10/2000 3 . 6 . 0 [get it](#)
NP-16 21/06/2002 3 . 7 . 0 [get it](#)
NP-18 07/01/2003 3 . 8 . 0 [get it](#)

TS 23.081 Line Identification supplementary services; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-03 G: yes U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-08 23/06/2000 3 . 1 . 0 [get it](#)
NP-17 24/09/2002 3 . 2 . 0 [get it](#)

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

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-03 G: yes U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-07 15/03/2000 3 . 2 . 0 [get it](#)
NP-08 23/06/2000 3 . 3 . 0 [get it](#)
NP-09 26/10/2000 3 . 4 . 0 [get it](#)
NP-10 21/12/2000 3 . 5 . 0 [get it](#)
NP-12 27/06/2001 3 . 6 . 0 [get it](#)
NP-16 21/06/2002 3 . 7 . 0 [get it](#)

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

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TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

R99 current version: 3.2.0 WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD
freeze_meeting: SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) remarks - general:
NP-06 17/12/1999 3 . 1 . 0 [get it](#) remarks - this release:
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

TS 23.084 MultiParty (MPPTY) Supplementary Service; Stage 2

R99 current version: 3.2.0 WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD
freeze_meeting: SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) remarks - general:
NP-06 17/12/1999 3 . 1 . 0 [get it](#) remarks - this release:
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

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

R99 current version: 3.1.0 WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) remarks - general:
edito 06/06/2000 3 . 0 . 1 [get it](#) remarks - this release:
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

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

R99 current version: 3.1.0 WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) remarks - general:
edito 06/06/2000 3 . 0 . 1 [get it](#) remarks - this release:
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

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

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TS 23.087	User-to-User Signalling (UUS) supplementary service; Stage 2					
R99	current version: 3.1.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	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 get it get it	remarks - general: remarks - this release:			
<hr/>						
TS 23.088	Call Barring (CB) Supplementary Service; Stage 2					
R99	current version: 3.2.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0 NP-07 15/03/2000 3 . 1 . 0 NP-09 26/10/2000 3 . 2 . 0	get it get it get it	remarks - general: remarks - this release:			
<hr/>						
TS 23.090	Unstructured Supplementary Service Data (USSD); Stage 2					
R99	current version: 3.2.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes		rapporteur: CROOK, Mick MCC: KYMALAINEN, Kimmo	ORANGE PCS LTD	
	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 get it get it	remarks - general: remarks - this release:			
<hr/>						
TS 23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
R99	current version: 3.2.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0 NP-06 17/12/1999 3 . 1 . 0 ETSI Publication 07/11/2000 3 . 2 . 0	get it get it get it	remarks - general: remarks - this release:			

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

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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:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

TS 23.094 Follow Me Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
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.
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:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
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:* RUSSELL, Nick VODAFONE LTD
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:*
NP-07 15/03/2000 3 . 1 . 1 [get it](#)

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TS 23.101	General UMTS Architecture						
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: YOON, Sang-Ui			
	history (event, available, version,						
	First complete 13/06/1997	0 . 1 . 0	get it	remarks - general:			
	Transfer to SP SA 04/03/1999	0 . 1 . 1	get it	remarks - this release:			
	WG2						
	SP-03 23/04/1999	3 . 0 . 0	get it				
	SP-04 23/06/1999	3 . 0 . 1	get it				
	SP-10 21/12/2000	3 . 1 . 0	get it				
<hr/>							
TS 23.107	Quality of Service (QoS) concept and architecture						
R99	current version: 3.9.0		WG (prime / other): S2 / -	rapporteur: GREIS, Marc	NOKIA Corporation		
	freeze_meeting: SP-05		G: U: yes	MCC: YOON, Sang-Ui			
	history (event, available, version,						
	SP-05 13/10/1999	3 . 0 . 0	get it	remarks - general: was 23.907			
	SP-06 17/12/1999	3 . 1 . 0	get it	remarks - this release:			
	SP-07 15/03/2000	3 . 2 . 0	get it				
	SP-08 28/06/2000	3 . 3 . 0	get it				
	SP-09 19/10/2000	3 . 4 . 0	get it				
	SP-10 22/12/2000	3 . 5 . 0	get it				
	SP-11 14/05/2001	3 . 6 . 0	get it				
	SP-14 07/01/2002	3 . 7 . 0	get it				
				CR072r1 erroneously implemented; anticipate correction at SP-15.			
	SP-15 07/04/2002	3 . 8 . 0	get it				
	SP-17 24/09/2002	3 . 9 . 0	get it				
<hr/>							
TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)						
R99	current version: 3.2.0		WG (prime / other): N1 / -	rapporteur: DOIG, Ian	MOTOROLA S.A.S		
	freeze_meeting: SP-04		G: yes U: yes	MCC: JORGENSEN, Per Johan			
	history (event, available, version,						
	NP-03 23/04/1999	0 . 0 . 0	get it	remarks - general: This is clause 7 from 04.08 ex R98.			
	NP-05 13/10/1999	3 . 0 . 0	get it	remarks - this release:			
	NP-04 23/06/1999	3 . 0 . 0	get it				
	NP-06 17/12/1999	3 . 1 . 0	get it				
	NP-07 15/03/2000	3 . 2 . 0	get it				

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

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TS 23.110 UMTS Access Stratum Services and Functions

R99 *current version:* 3.4.0 *freeze_meeting:* SP-07
history (event, available, version,
draft 15/02/1997 0 . 3 . 0
Transfer to SP S2 04/03/1999 0 . 3 . 1
SP-03 23/04/1999 3 . 1 . 0
SP-05 13/10/1999 3 . 2 . 0
SP-06 17/12/1999 3 . 3 . 0
SP-07 15/03/2000 3 . 4 . 0

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

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

TS 23.116 Super-Charger technical realization; Stage 2

R99 *current version:* 3.2.0 *freeze_meeting:* SP-07
history (event, available, version,
NP-04 30/04/1999 0 . 0 . 0
NP-06 17/12/1999 1 . 0 . 0
NP-07 15/03/2000 3 . 0 . 0
NP-12 27/06/2001 3 . 1 . 0
NP-14 10/01/2002 3 . 2 . 0

WG (prime / other): N4 / - *rapporteur:* ALLEN, Nicholas Indicate persons who left Company and wait for new One
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

TS 23.119 Gateway Location Register (GLR); Stage2

R99 *current version:* 3.0.0 *freeze_meeting:* SP-07
history (event, available, version,
draft 01/08/1999 0 . 1 . 0
draft 01/09/1999 0 . 2 . 0
draft 01/10/1999 0 . 3 . 0
draft 01/11/1999 0 . 4 . 0
draft 15/11/1999 0 . 5 . 0
N2b, Milan 28/02/2000 1 . 0 . 0
NP-07 21/11/2000 2 . 0 . 0
NP-10 09/01/2001 3 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* SAWADA, Masahiro NTT DoCoMo Inc.
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* New after TSG#5
[get it](#) *remarks - this release:* Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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TS 23.121 Architectural requirements for Release 1999

R99	current version: 3.6.0	WG (prime / other): S2 / -	rapporteur: DANIEL, Elizabeth	Lucent Technologies Network Systems UK
	freeze_meeting: SP-04	G: yes U: yes	MCC: YOON, Sang-Ui	
<i>history (event, available, version,</i>				
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:
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	
SP-16	18/06/2002	3 . 6 . 0	get it	

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

R99	current version: 3.9.0	WG (prime / other): N1 / -	rapporteur: HIETALAHTI, Hannu	NOKIA Corporation
	freeze_meeting: SP-03	G: U: yes	MCC: JORGENSEN, Per Johan	
<i>history (event, available, version,</i>				
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.
NP-07	15/03/2000	3 . 2 . 0	get it	
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	
NP-17	17/09/2002	3 . 8 . 0	get it	
NP-18	18/12/2002	3 . 9 . 0	get it	

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

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TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
R99	current version: 3.4.0	WG (prime / other):	S2 / -	rapporteur:	GOURRAUD,	ERICSSON RESEARCH CANADA			
	freeze_meeting: SP-07	G:	U: yes	MCC:	YOON, Sang-Ui				
	history (event, available, version,								
	SP-05 13/10/1999	0 . 3 . 0	get it	remarks - general:	Sept 00: "Open Service Architecture" removed from title.				
	SP-07	2 . 0 . 0	SP-000089	remarks - this release:					
	SP-07 17/12/1999	3 . 0 . 0	get it						
	SP-08 28/06/2000	3 . 1 . 0	get it						
	SP-09 06/11/2000	3 . 2 . 0	get it						
	SP-10 21/12/2000	3 . 3 . 0	get it						
	SP-12 29/06/2001	3 . 4 . 0	get it						
<hr/>									
TS 23.135	Multicall supplementary service; Stage 2								
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	MITAMURA, Kazuo	NTT COMWARE Corporation			
	freeze_meeting: SP-07	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-07 15/03/2000	1 . 1 . 0	get it	remarks - general:					
	NP-07 15/03/2000	3 . 0 . 0	get it	remarks - this release:					
	NP-08 23/06/2000	3 . 1 . 0	get it						
	NP-09 25/10/2000	3 . 2 . 0	get it						
<hr/>									
TS 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2								
R99	current version: 3.1.0	WG (prime / other):	T2 / -	rapporteur:	LAUMEN, Josef	SIEMENS AG			
	freeze_meeting: SP-07	G: yes	U: yes	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-03 23/04/1999	0 . 0 . 0	get it	remarks - general:					
	TP-05 08/10/1999	0 . 1 . 0	get it	remarks - this release:					
	TP-06 17/12/1999	1 . 0 . 0	get it						
	TP-07 15/03/2000	2 . 0 . 0	TP-000028						
	Editorial 15/03/2000	3 . 0 . 1	get it						
	TP-16 24/06/2002	3 . 1 . 0	get it						

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

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TS 23.171	Location Services (LCS); Functional description; Stage 2 (UMTS)									
R99	current version: 3.10.0	WG (prime / other):	S2 / -	rapporteur:	KÄLL, Jan	NOKIA Corporation				
	freeze_meeting: SP-07	G:	U: yes	MCC:	YOON, Sang-Ui					
	history (event, available, version,									
	SP-05 13/10/1999	1 . 0 . 0		get it	remarks - general:					
	SP-06 17/12/1999	1 . 1 . 0		get it	remarks - this release:					
	SP-07	2 . 0 . 0	SP-000090							
	SP-07 15/03/2000	3 . 0 . 0		get it						
	SP-08 28/06/2000	3 . 1 . 0		get it						
	SP-10 21/12/2000	3 . 2 . 0		get it						
	SP-11 11/04/2001	3 . 3 . 0		get it						
	SP-12 29/06/2001	3 . 4 . 0		get it						
	SP-13 15/10/2001	3 . 5 . 0		get it						
	SP-14 07/01/2002	3 . 6 . 0		get it						
	SP-15 29/03/2002	3 . 7 . 0		get it						
	SP-16 18/06/2002	3 . 8 . 0		get it						
	SP-17 24/09/2002	3 . 9 . 0		get it						
	SP-20 23/06/2003	3 . 10 . 0		get it						
<hr/>										
TR 23.814	Separating RR and MM specific parts of the MS Classmark									
R99	current version: 3.1.0	WG (prime / other):	N1 / -	rapporteur:	YOKOTA, Fumihiko	Fujitsu Limited				
	freeze_meeting: SP-06	G:	U: yes	MCC:	JORGENSEN, Per Johan					
	history (event, available, version,									
	NP-05 08/10/1999	0 . 0 . 0		get it	remarks - general: New after TSG#5					
	NP-06 17/12/1999	3 . 0 . 0		get it	remarks - this release: TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.					
	editorial (!) 24/01/2000	3 . 1 . 0		get it						
<hr/>										
TR 23.908	Technical report on Pre-Paging									
R99	current version: 3.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB				
	freeze_meeting: SP-04	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo					
	history (event, available, version,									
	NP-03 23/04/1999	0 . 0 . 0		get it	remarks - general:					
	NP-04 23/06/1999	3 . 0 . 0		get it	remarks - this release: .					
	edito 02/05/2000	3 . 0 . 1		get it						
<hr/>										

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.909	Technical report on the Gateway Location Register				
R99	current version: 3.0.1 freeze_meeting: SP-04	WG (prime / other): N4 / -	rapporteur: PARK, Ian David Chalmers	VODAFONE LTD	
	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	G: yes U: yes	MCC: KYMALAINEN, Kimmo		remarks - general: remarks - this release: .
		get it			
		get it			
		get it			
<hr/>					
TR 23.910	Circuit switched data bearer services				
R99	current version: 3.6.0 freeze_meeting: SP-07	WG (prime / other): N3 / -	rapporteur: HUSLENDE, Ragnar BOSWARTHICK, David	Telefon AB LM Ericsson	
	history (event, available, version, NP-04 23/06/1999 0 . 0 . 0 NP-05 13/10/1999 0 . 1 . 0 NP-06 17/12/1999 1 . 0 . 0 NP-07 2 . 0 . 0 NP-07 15/03/2000 3 . 0 . 0 NP-08 23/06/2000 3 . 1 . 0 NP-09 18/10/2000 3 . 2 . 0 NP-10 22/12/2000 3 . 3 . 0 NP-11 06/04/2001 3 . 4 . 0 NP-12 28/06/2001 3 . 5 . 0 NP-17 17/09/2002 3 . 6 . 0	G: U: yes			remarks - general: 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval) remarks - this release:
		get it			
		get it			
		get it			
		get it			
		get it			
		get it			
		get it			
		get it			
		get it			
<hr/>					
TR 23.911	Technical report on Out-of-band transcoder control				
R99	current version: 3.0.1 freeze_meeting: SP-05	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo KYMALAINEN, Kimmo	TeliaSonera AB	
	history (event, available, version, Creation of WI by 13/10/1999 0 . 0 . 1 WG/TB NP-05 13/10/1999 3 . 0 . 0 edito 02/05/2000 3 . 0 . 1	G: yes U: yes			remarks - general: remarks - this release: .
		get it			
		get it			
		get it			
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G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.912	Technical report on Super-Charger					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-05		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	Creation of WI by 13/10/1999	0 . 0 . 1		get it	<i>remarks - general:</i>	
	WG/TB				<i>remarks - this release:</i> .	
	NP-05 13/10/1999	3 . 0 . 0		get it		
	edito 02/05/2000	3 . 0 . 1		get it		
	edito 09/05/2000	3 . 0 . 2		get it		
	NP-14 10/01/2002	3 . 1 . 0		get it		

TR 23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HUBBARD, Elisabeth		TeliaSonera AB
	<i>freeze_meeting:</i> SP-06		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>					
	SP-03 23/04/1999	0 . 5 . 0		get it	<i>remarks - general:</i>	
	SP-04 23/06/1999	0 . 6 . 0		get it	<i>remarks - this release:</i> July 2001: (Sultan) contents out of date. Replaced by 23.228.	
	SP-05 15/10/1999	1 . 0 . 0		get it		
	SP-06 05/06/2000	3 . 0 . 0		get it		

TR 23.930	Iu Principles					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> AXERUD, Bo		NOKIA TELECOMMUNICATIONS FINLAND
	<i>freeze_meeting:</i> SP-04		G: U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>					
	Table of Contents 15/11/1997	0 . 1 . 1		get it	<i>remarks - general:</i>	
	and Scope				<i>remarks - this release:</i> .	
	First complete 01/04/1999	1 . 0 . 0		get it		
	SP-03 23/04/1999	1 . 2 . 1		get it		
	SP-04 23/06/1999	3 . 0 . 0		get it		

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.972 Circuit switched multimedia telephony

R99 current version: 3.0.0
freeze_meeting: SP-07

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

G: U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

Start of work	21/10/1999	0	.	0	.	1
N1-08	21/10/1999	0	.	0	.	2
N1-09	09/12/1999	0	.	0	.	3
N1-08 revision	29/10/1999	0	.	0	.	3
NP-07	15/03/2000	3	.	0	.	0

[get it](#) remarks - general: New after TSG#5. Minor title change TSG#7.

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

R99

24 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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

R99 current version: 3.1.1
freeze_meeting: SP-07

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

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

history (event, available, version,

NP-07	17/03/2000	3	.	0	.	0
NP-10	02/01/2001	3	.	1	.	0
correction of typo on cover page	02/06/2003	3	.	1	.	1

[get it](#) remarks - general:

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

[get it](#)

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

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.007 Mobile radio interface signalling layer 3; General Aspects

R99 *current version:* 3.9.0
freeze_meeting: SP-05

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,

transfer from 3 . 0 . 0 not available

NP-05 13/10/1999 3 . 1 . 0

NP-06 17/12/1999 3 . 2 . 0

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

edito 25/04/2000 3 . 3 . 1

NP-08 23/06/2000 3 . 4 . 0

NP-09 06/10/2000 3 . 5 . 0

NP-10 02/01/2001 3 . 6 . 0

NP-11 11/04/2001 3 . 7 . 0

NP-14 04/01/2002 3 . 8 . 0

NP-16 24/06/2002 3 . 9 . 0

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

remarks - this release:

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

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

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

R99 current version: 3.16.0
freeze_meeting: SP-03

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-03	23/04/1999	0	.	0	.	0
NP-04	23/06/1999	3	.	0	.	0
NP-05	13/10/1999	3	.	1	.	0
NP-06	27/12/1999	3	.	2	.	0
editorial correction	04/01/2000	3	.	2	.	1
NP-07	15/03/2000	3	.	3	.	0
edito	25/04/2000	3	.	3	.	1
NP-08	23/06/2000	3	.	4	.	0
Editorial	23/06/2000	3	.	4	.	1
NP-09	06/10/2000	3	.	5	.	0
NP-10	03/01/2001	3	.	6	.	0
NP-11	06/04/2001	3	.	7	.	0
edito	06/07/2001	3	.	7	.	1
NP-12	13/07/2001	3	.	8	.	0
NP-13	03/10/2001	3	.	9	.	0
NP-14	11/01/2002	3	.	10	.	0
NP-15	22/03/2002	3	.	11	.	0
NP-16	24/06/2002	3	.	12	.	0
NP-17	17/09/2002	3	.	13	.	0
NP-18	02/01/2003	3	.	14	.	0
NP-19	24/03/2003	3	.	15	.	0
NP-20	27/06/2003	3	.	16	.	0

[get it](#)

remarks - general: CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to
remarks - this release: be resolved till Jun00.

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

R99 current version: 3.2.0
freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
G: yes U: yes MCC: Peter Skov
KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-08	23/06/2000	3	.	1	.	0
NP-14	10/01/2002	3	.	2	.	0

[get it](#)

[get it](#)

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remarks - general:
remarks - this release:

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

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.011	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface						
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-05		Peter Skov				
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>						
	NP-05 13/10/1999 3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
	NP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>				
	NP-07 15/03/2000 3 . 2 . 0	get it					
	NP-08 23/06/2000 3 . 3 . 0	get it					
	NP-09 06/10/2000 3 . 4 . 0	get it					
	NP-10 02/01/2001 3 . 5 . 0	get it					
	NP-11 06/04/2001 3 . 6 . 0	get it					

TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices						
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG			
	<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	get it	<i>remarks - general:</i> CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link				
	NP-05 13/10/1999 3 . 1 . 0	get it	<i>remarks - this release:</i> Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and				
			the Base Station System - Mobile-services Switching Centre (BSS-MSC)				
	NP-06 11/01/2000 3 . 2 . 0	get it					
	NP-08 23/06/2000 3 . 3 . 0	get it					
	edito 17/08/2000 3 . 3 . 1	get it					
	NP-09 12/10/2000 3 . 4 . 0	get it					
	NP-20 23/06/2003 3 . 5 . 0	get it					

TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3						
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-08	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-07 17/03/2000 3 . 0 . 0	get it	<i>remarks - general:</i> TSG#7: txfrd from SMG to 3GPP for R99.				
	NP-08 23/06/2000 3 . 1 . 0	get it	<i>remarks - this release:</i> TSG#7:Decision to create.				
	NP-12 27/06/2001 3 . 2 . 0	get it					
	NP-14 10/01/2002 3 . 3 . 0	get it					

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

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

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

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-10 21/12/2000 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-12 27/06/2001 3 . 2 . 0 [get it](#)

TS 24.072 Call Deflection Supplementary Service; Stage 3

R99 *current version:* 3.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-07 15/03/2000 3 . 2 . 0 [get it](#)
NP-08 23/06/2000 3 . 3 . 0 [get it](#)
NP-09 26/10/2000 3 . 4 . 0 [get it](#)
ASN.1 annex 24/01/2001 3 . 4 . 1 [get it](#)
updated
NP-12 04/07/2001 3 . 5 . 0 [get it](#)
NP-14 10/01/2002 3 . 6 . 0 [get it](#)
NP-16 21/06/2002 3 . 7 . 0 [get it](#)

TS 24.081 Line Identification Supplementary Service; Stage 3

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-08 23/06/2000 3 . 1 . 0 [get it](#) *remarks - this release:*

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

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.082	Call Forwarding 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 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
		get it	remarks - general: remarks - this release: .			
<hr/>						
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) 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 / - G: yes U: yes		rapporteur: RUSSELL, Nick MCC: KYMALAINEN, Kimmo	VODAFONE LTD	
		get it	remarks - general: remarks - this release: .			
<hr/>						
TS 24.084	MultiParty (MPTY) 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 / - G: yes U: yes		rapporteur: RUSSELL, Nick MCC: KYMALAINEN, Kimmo	VODAFONE LTD	
		get it	remarks - general: remarks - this release: .			
<hr/>						
TS 24.085	Closed User Group (CUG) 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 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
		get it	remarks - general: remarks - this release: .			
<hr/>						
TS 24.086	Advice of Charge (AoC) 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 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
		get it	remarks - general: remarks - this release: .			

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

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.087	User-to-User Signalling (UUS); 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 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
		get it	remarks - general: remarks - this release: .			
<hr/>						
TS 24.088	Call Barring (CB) 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 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
		get it	remarks - general: remarks - this release: .			
<hr/>						
TS 24.090	Unstructured Supplementary Service Data (USSD); 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 / - G: yes U: yes		rapporteur: BRUSS, Jörg MCC: KYMALAINEN, Kimmo	ERICSSON Eurolab Deutschland GmbH	
		get it	remarks - general: remarks - this release: .			
<hr/>						
TS 24.091	Explicit Call Transfer (ECT) 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 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
		get it	remarks - general: remarks - this release: .			
<hr/>						
TS 24.093	Call Completion to Busy Subscriber (CCBS); 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 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
		get it	remarks - general: remarks - this release: .			

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

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.096 Name Identification Supplementary Service; Stage 3

R99 *current version:* 3.0.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: .

TS 24.135 Multicall supplementary service; Stage 3

R99 *current version:* 3.2.0
freeze_meeting: SP-07
history (event, available, version,
NP-07 15/03/2000 3 . 0 . 0
NP-08 23/06/2000 3 . 1 . 0
NP-14 10/01/2002 3 . 2 . 0

WG (prime / other): N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
G: U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
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R99 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 *current version:* 3.12.0
freeze_meeting: SP-05

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

history (event, available, version,
Table of Contents 04/02/1999 0 . 0 . 0
and Scope
First complete 04/03/1999 1 . 0 . 0
RP-05 13/10/1999 3 . 0 . 0
RP-06 17/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-09 18/10/2000 3 . 4 . 0
RP-10 22/12/2000 3 . 5 . 0
RP-11 05/04/2001 3 . 6 . 0
RP-12 29/06/2001 3 . 7 . 0
RP-13 03/10/2001 3 . 8 . 0
RP-14 14/01/2002 3 . 9 . 0
RP-15 29/03/2002 3 . 10 . 0
RP-16 01/07/2002 3 . 11 . 0
RP-17 02/10/2002 3 . 12 . 0

[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

TS 25.104 Base Station (BS) radio transmission and reception (FDD)

R99 current version: 3.12.0
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,
and Scope

Table of Contents	04/02/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	2	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	13/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-18	10/01/2003	3	.	11	.	0
RP-19	04/04/2003	3	.	12	.	0

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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

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

R99 current version: 3.13.0
freeze_meeting: SP-05

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

history (event, available, version,

First complete	04/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	11/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	16/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-16	01/07/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0
RP-19	04/04/2003	3	.	13	.	0

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TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

R99 current version: 3.5.0
freeze_meeting: SP-06

WG (prime / other): R4 / - rapporteur: BARNES, David DTI - Department of Trade and Industry
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-05	13/10/1999	1	.	2	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	13/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0

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G = required in systems with GERAN access; 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

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

R99 current version: 3.13.0

freeze_meeting: SP-06

WG (prime / other): R4 / - rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-06	17/12/1999	3	.	0	.	0
RP-07	17/03/2000	3	.	1	.	0
edito	27/04/2000	3	.	1	.	1
RP-08	23/06/2000	3	.	2	.	0
RP-09	11/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	16/01/2002	3	.	8	.	0
RP-15	19/03/2002	3	.	9	.	0
RP-16	03/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0
RP-19	04/04/2003	3	.	12	.	0
RP-20	01/07/2003	3	.	13	.	0

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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

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

R99 current version: 3.14.0

freeze_meeting: SP-06

WG (prime / other): R4 / - rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-06	17/12/1999	3	.	0	.	0
RP-07	17/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	18/10/2000	3	.	3	.	0
RP-10	09/01/2001	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	17/01/2002	3	.	8	.	0
RP-15	19/03/2002	3	.	9	.	0
RP-16	04/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0
RP-19	04/04/2003	3	.	13	.	0
RP-20	01/07/2003	3	.	14	.	0

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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

TS 25.142 Base Station (BS) conformance testing (TDD)

R99 current version: 3.13.0
freeze_meeting: SP-06

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

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-04	23/06/1999	0	.	0	.	1
RP-05	13/10/1999	2	.	0	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
edito	31/07/2000	3	.	2	.	1
RP-09	11/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	16/01/2002	3	.	8	.	0
RP-15	29/03/2002	3	.	9	.	0
RP-16	04/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0
RP-19	04/04/2003	3	.	13	.	0

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TS 25.201 Physical layer - general description

R99 current version: 3.4.0
freeze_meeting: SP-05

WG (prime / other): R1 / - rapporteur: TOSKALA, Antti NOKIA Corporation
G: U: yes MCC: SASAKI, Tsukasa

history (event, available, version,

Table of Contents and Scope	16/10/1998	0	.	0	.	0
First complete	15/02/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	2	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	0	.	2
RP-08	23/06/2000	3	.	1	.	0
RP-14	09/01/2002	3	.	2	.	0
RP-15	29/03/2002	3	.	3	.	0
RP-16	28/06/2002	3	.	4	.	0

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G = required in systems with GERAN access; 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

TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

R99 *current version:* 3.12.0
freeze_meeting: SP-05

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

Telefon AB LM Ericsson

history (event, available, version,
and Scope

Table of Contents	04/02/1999	0	.	0	.	0
First complete	04/03/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	2	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0
RP-17	27/09/2002	3	.	12	.	0

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G = required in systems with GERAN access; 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

TS 25.212 Multiplexing and channel coding (FDD)

R99 current version: 3.11.0
freeze_meeting: SP-05

WG (prime / other): R1 / - rapporteur: TANAKA, Yoshinori Fujitsu Limited
G: U: yes MCC: SASAKI, Tsukasa

history (event, available, version,
and Scope
Table of Contents 04/02/1999 0 . 0 . 0
RP-03 23/04/1999 1 . 0 . 0
RP-04 23/06/1999 2 . 0 . 0
RP-05 13/10/1999 3 . 0 . 0
RP-06 12/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-09 18/10/2000 3 . 4 . 0
RP-10 22/12/2000 3 . 5 . 0
RP-12 28/06/2001 3 . 6 . 0
RP-13 08/10/2001 3 . 7 . 0
RP-14 09/01/2002 3 . 8 . 0
RP-15 29/03/2002 3 . 9 . 0
RP-16 28/06/2002 3 . 10 . 0
RP-17 27/09/2002 3 . 11 . 0

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TS 25.213 Spreading and modulation (FDD)

R99 current version: 3.8.0
freeze_meeting: SP-05

WG (prime / other): R1 / - rapporteur: CHAMBERS, Peter SIEMENS AG
G: U: yes MCC: SASAKI, Tsukasa

history (event, available, version,
draft 04/02/1999 0 . 0 . 0
draft 04/03/1999 1 . 0 . 0
RP-03 23/04/1999 2 . 0 . 0
RP-04 23/06/1999 2 . 1 . 0
RP-05 13/10/1999 3 . 0 . 0
RP-06 12/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-10 22/12/2000 3 . 4 . 0
RP-11 05/04/2001 3 . 5 . 0
RP-12 28/06/2001 3 . 6 . 0
RP-14 09/01/2002 3 . 7 . 0
RP-16 28/06/2002 3 . 8 . 0

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G = required in systems with GERAN access; 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

TS 25.214 Physical layer procedures (FDD)

R99 current version: 3.12.0
freeze_meeting: SP-05

WG (prime / other): R1 / - rapporteur: IKEDA, Shinobu NEC Corporation
G: U: yes MCC: SASAKI, Tsukasa

history (event, available, version,

RP-03	23/04/1999	1	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0
RP-19	04/04/2003	3	.	12	.	0

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TS 25.215 Physical layer; Measurements (FDD)

R99 current version: 3.12.0
freeze_meeting: SP-05

WG (prime / other): R1 / - rapporteur: IKEDA, Shinobu NEC Corporation
G: U: yes MCC: SASAKI, Tsukasa

history (event, available, version,

RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0
RP-20	27/06/2003	3	.	12	.	0

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G = required in systems with GERAN access; 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

TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

R99 *current version:* 3.11.0
freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Panasonic Mobile Communications Co.,Ltd.
G: *U:* yes *MCC:* SASAKI, Tsukasa

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	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0

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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

TS 25.222 Multiplexing and channel coding (TDD)

R99 *current version:* 3.10.0
freeze_meeting: SP-05

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

history (event, available, version,
Table of Contents 04/02/1999 0 . 0 . 0
and Scope

RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	2	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
edito	03/05/2000	3	.	2	.	1
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-13	08/10/2001	3	.	7	.	0
RP-15	29/03/2002	3	.	8	.	0
RP-16	28/06/2002	3	.	9	.	0
RP-17	27/09/2002	3	.	10	.	0

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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

TS 25.223 Spreading and modulation (TDD)

R99 *current version:* 3.8.0
freeze_meeting: SP-05

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

history (event, available, version,
Creation of WI by 15/01/1999 0 . 0 . 0
WG/TB
First complete 04/03/1999 1 . 0 . 0
RP-03 23/04/1999 2 . 0 . 0
RP-04 23/06/1999 2 . 1 . 0
RP-05 13/10/1999 3 . 0 . 0
RP-06 12/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-09 18/10/2000 3 . 4 . 0
RP-11 05/04/2001 3 . 5 . 0
RP-12 28/06/2001 3 . 6 . 0
RP-13 08/10/2001 3 . 7 . 0
RP-15 29/03/2002 3 . 8 . 0

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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

TS 25.224 Physical layer procedures (TDD)

R99 current version: 3.12.0
freeze_meeting: SP-05

WG (prime / other): R1 / - rapporteur: OESTREICH, Stefan SIEMENS AG
G: U: yes MCC: SASAKI, Tsukasa

history (event, available, version,
Table of Contents 04/02/1999 0 . 0 . 0
and Scope
RP-03 23/04/1999 1 . 0 . 0
RP-05 13/10/1999 3 . 0 . 0
RP-06 12/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-09 18/10/2000 3 . 4 . 0
RP-10 22/12/2000 3 . 5 . 0
RP-11 05/04/2001 3 . 6 . 0
RP-12 28/06/2001 3 . 7 . 0
RP-13 08/10/2001 3 . 8 . 0
RP-14 09/01/2002 3 . 9 . 0
RP-15 29/03/2002 3 . 10 . 0
RP-17 27/09/2002 3 . 11 . 0
RP-18 07/01/2003 3 . 12 . 0

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TS 25.225 Physical layer; Measurements (TDD)

R99 current version: 3.12.0
freeze_meeting: SP-05

WG (prime / other): R1 / - rapporteur: IKEDA, Shinobu NEC Corporation
G: U: yes MCC: SASAKI, Tsukasa

history (event, available, version,
RP-05 13/10/1999 3 . 0 . 0
RP-06 12/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-09 18/10/2000 3 . 4 . 0
RP-10 22/12/2000 3 . 5 . 0
RP-11 05/04/2001 3 . 6 . 0
RP-12 28/06/2001 3 . 7 . 0
RP-13 08/10/2001 3 . 8 . 0
RP-14 09/01/2002 3 . 9 . 0
RP-16 28/06/2002 3 . 10 . 0
RP-17 27/09/2002 3 . 11 . 0
RP-20 27/06/2003 3 . 12 . 0

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G = required in systems with GERAN access; 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

TS 25.301 Radio Interface Protocol Architecture

R99 *current version:* 3.11.0
freeze_meeting: SP-03

WG (prime / other): R2 / - *rapporteur:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH
G: *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,
Table of Contents 04/02/1999 0 . 0 . 0
and Scope
First complete 04/03/1999 1 . 0 . 0
WG approval 16/04/1999 2 . 0 . 0
RP-03 23/04/1999 3 . 0 . 0
RP-04 23/06/1999 3 . 1 . 0
RP-05 13/10/1999 3 . 2 . 0
RP-06 17/12/1999 3 . 3 . 0
RP-07 15/03/2000 3 . 4 . 0
RP-08 30/06/2000 3 . 5 . 0
RP-09 16/10/2000 3 . 6 . 0
RP-11 27/03/2001 3 . 7 . 0
RP-12 19/06/2001 3 . 8 . 0
RP-14 04/01/2002 3 . 9 . 0
RP-16 17/06/2002 3 . 10 . 0
RP-17 18/09/2002 3 . 11 . 0

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remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.302 Services provided by the physical layer

R99 current version: 3.15.0
freeze_meeting: SP-05

WG (prime / other): R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
G: U: yes MCC: ARZELIER, Claude

history (event, available, version,
and Scope

Table of Contents	04/02/1999	0	.	0	.	0
First complete	04/03/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	2	.	3	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	4	.	0
RP-08	23/06/2000	3	.	5	.	0
RP-09	16/10/2000	3	.	6	.	0
RP-10	20/12/2000	3	.	7	.	0
RP-11	27/03/2001	3	.	8	.	0
RP-12	19/06/2001	3	.	9	.	0
RP-13	02/10/2001	3	.	10	.	0
RP-14	04/01/2002	3	.	11	.	0
RP-15	19/03/2002	3	.	12	.	0
RP-16	17/06/2002	3	.	13	.	0
RP-17	18/09/2002	3	.	14	.	0
RP-18	20/12/2002	3	.	15	.	0

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remarks - general: V3.0.0 approved via e-mail July 99 CR at 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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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.303 Interlayer procedures in Connected Mode

R99 *current version:* 3.12.0
freeze_meeting: SP-04

WG (prime / other): R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center
G: *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,
Table of Contents 04/02/1999 0 . 0 . 0
and Scope
First complete 04/03/1999 1 . 0 . 0

RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
RP-09	16/10/2000	3	.	5	.	0
RP-10	20/12/2000	3	.	6	.	0
RP-11	27/03/2001	3	.	7	.	0
RP-12	19/06/2001	3	.	8	.	0
RP-13	02/10/2001	3	.	9	.	0
RP-14	04/01/2002	3	.	10	.	0
RP-15	19/03/2002	3	.	11	.	0
RP-16	17/06/2002	3	.	12	.	0

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G = required in systems with GERAN access; 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

TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

R99 current version: 3.13.0 WG (prime / other): R2 / - rapporteur: MAHKONEN, Marko NOKIA Corporation
freeze_meeting: SP-05 G: U: yes MCC: ARZELIER, Claude

history (event, available, version,
Start of work 15/01/1999 0 . 1 . 1 [get it](#) remarks - general:
RP-03 23/04/1999 1 . 0 . 0 [get it](#) remarks - this release:
RP-04 23/06/1999 1 . 2 . 0 [get it](#)
RP-05 13/10/1999 3 . 0 . 0 [get it](#)
RP-06 12/12/1999 3 . 1 . 0 [get it](#)
RP-07 15/03/2000 3 . 2 . 0 [get it](#)
RP-08 23/06/2000 3 . 3 . 0 [get it](#)
RP-09 16/10/2000 3 . 4 . 0 [get it](#)
RP-10 22/12/2000 3 . 5 . 0 [get it](#)
RP-11 27/03/2001 3 . 6 . 0 [get it](#)
RP-12 27/06/2001 3 . 7 . 0 [get it](#)
RP-13 02/10/2001 3 . 8 . 0 [get it](#)
RP-14 04/01/2002 3 . 9 . 0 [get it](#)
RP-15 19/03/2002 3 . 10 . 0 [get it](#)
RP-16 17/06/2002 3 . 11 . 0 [get it](#)
RP-18 08/01/2003 3 . 12 . 0 [get it](#)
RP-20 25/06/2003 3 . 13 . 0 [get it](#)

TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

R99 current version: 3.9.0 WG (prime / other): R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-07 G: U: yes MCC: ARZELIER, Claude

history (event, available, version,
RP-05 13/10/1999 1 . 4 . 0 [get it](#) remarks - general: Created from 25.923
RP-06 17/12/1999 3 . 0 . 0 [get it](#) remarks - this release:
RP-07 15/03/2000 3 . 1 . 0 [get it](#)
RP-08 23/06/2000 3 . 2 . 0 [get it](#)
RP-09 16/10/2000 3 . 3 . 0 [get it](#)
RP-10 22/12/2000 3 . 4 . 0 [get it](#)
RP-11 27/03/2001 3 . 5 . 0 [get it](#)
RP-12 19/06/2001 3 . 6 . 0 [get it](#)
RP-14 04/01/2002 3 . 7 . 0 [get it](#)
RP-15 19/03/2002 3 . 8 . 0 [get it](#)
RP-20 20/06/2003 3 . 9 . 0 [get it](#)

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

TS 25.306 UE Radio Access capabilities definition

R99	<i>current version:</i> 3.8.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BERGGREN, Anders	Ericsson Incorporated
	<i>freeze_meeting:</i> SP-10		<i>G:</i>	<i>MCC:</i> ARZELIER, Claude	
	<i>history (event, available, version,</i>		<i>U: yes</i>		
	RP-10 22/12/2000	3 . 0 . 0	get it	<i>remarks - general:</i>	Converted from TR 25.926 at TSG#10.
	RP-11 27/03/2001	3 . 1 . 0	get it	<i>remarks - this release:</i>	Converted from TR 25.926 v3.2.0 Nov 00.
	RP-12 19/06/2001	3 . 2 . 0	get it		
	RP-13 02/10/2001	3 . 3 . 0	get it		
	RP-14 04/01/2002	3 . 4 . 0	get it		
	RP-15 19/03/2002	3 . 5 . 0	get it		
	RP-16 17/06/2002	3 . 6 . 0	get it		
	RP-18 08/01/2003	3 . 7 . 0	get it		
	RP-20 20/06/2003	3 . 8 . 0	get it		

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

R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> R2 / R4	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> RP-13		<i>G:</i>	<i>MCC:</i> ARZELIER, Claude	
	<i>history (event, available, version,</i>		<i>U: yes</i>		
	RP-12 27/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i>	Release independent! - sort of. RP-13: responsibility: R2 = signalling
	RP-13 01/10/2001	2 . 1 . 0	get it	<i>remarks - this release:</i>	Expect continual updates each time a new band is allowed. requirements, R4 = RF &
RMM requirements.					
					debate!
	RP-13 02/10/2001	3 . 0 . 0	get it		Was approved after all!
	RP-14 04/01/2002	3 . 1 . 0	get it		

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

TS 25.321 Medium Access Control (MAC) protocol specification

R99 current version: 3.15.0
freeze_meeting: TP-04

WG (prime / other): R2 / - rapporteur: STADLER, Thomas SIEMENS AG
G: U: yes MCC: ARZELIER, Claude

history (event, available, version,
Table of Contents 04/02/1999 0 . 0 . 0
and Scope
draft 04/03/1999 1 . 0 . 0
RP-03 23/04/1999 2 . 0 . 0
RP-04 23/06/1999 3 . 0 . 0
RP-05 13/10/1999 3 . 1 . 0
RP-06 12/12/1999 3 . 2 . 0
RP-07 15/03/2000 3 . 3 . 0
RP-08 23/06/2000 3 . 4 . 0
RP-09 16/10/2000 3 . 5 . 0
RP-10 20/12/2000 3 . 6 . 0
RP-11 27/03/2001 3 . 7 . 0
RP-12 19/06/2001 3 . 8 . 0
RP-13 02/10/2001 3 . 9 . 0
RP-14 04/01/2002 3 . 10 . 0
RP-15 19/03/2002 3 . 11 . 0
RP-16 17/06/2002 3 . 12 . 0
RP-17 18/09/2002 3 . 13 . 0
RP-18 08/01/2003 3 . 14 . 0
RP-19 25/03/2003 3 . 15 . 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

TS 25.322 Radio Link Control (RLC) protocol specification

R99 current version: 3.15.0
freeze_meeting: SP-05

WG (prime / other): R2 / - rapporteur: MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION
G: U: yes MCC: ARZELIER, Claude

history (event, available, version,
Table of Contents 04/02/1999 0 . 0 . 0
and Scope

RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	16/10/2000	3	.	4	.	0
RP-10	20/12/2000	3	.	5	.	0
RP-11	27/03/2001	3	.	6	.	0
RP-12	19/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	04/01/2002	3	.	9	.	0
RP-15	19/03/2002	3	.	10	.	0
RP-16	17/06/2002	3	.	11	.	0
RP-17	19/09/2002	3	.	12	.	0
RP-18	10/01/2003	3	.	13	.	0
RP-19	25/03/2003	3	.	14	.	0
RP-20	20/06/2003	3	.	15	.	0

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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

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

R99 current version: 3.10.0
freeze_meeting: SP-06

WG (prime / other): R2 / - rapporteur: HANS, Martin
G: U: yes MCC: ARZELIER, Claude SIEMENS AG

history (event, available, version,

RP-05	13/10/1999	0	.	1	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	06/10/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0
RP-12	19/06/2001	3	.	5	.	0
RP-13	02/10/2001	3	.	6	.	0
RP-14	04/01/2002	3	.	7	.	0
RP-15	19/03/2002	3	.	8	.	0
RP-16	17/06/2002	3	.	9	.	0
RP-17	18/09/2002	3	.	10	.	0

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TS 25.324 Broadcast/Multicast Control (BMC)

R99 current version: 3.7.0
freeze_meeting: SP-06

WG (prime / other): R2 / - rapporteur: HARTL, Mike
G: U: yes MCC: ARZELIER, Claude Vodafone D2 GmbH

history (event, available, version,

RP-05	13/10/1999	0	.	1	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-09	06/10/2000	3	.	2	.	0
RP-10	20/12/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0
RP-16	17/06/2002	3	.	5	.	0
RP-18	13/01/2003	3	.	6	.	0
RP-19	25/03/2003	3	.	7	.	0

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G = required in systems with GERAN access; 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

TS 25.331 Radio Resource Control (RRC) protocol specification

R99 current version: 3.15.0
 freeze_meeting: SP-05

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

history (event, available, version,
 and Scope

Table of Contents	04/02/1999	0	.	0	.	0
First complete	04/03/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	06/10/2000	3	.	4	.	0
removal of CR	06/10/2000	3	.	4	.	1
RP-10	21/12/2000	3	.	5	.	0
RP-11	27/03/2001	3	.	6	.	0
RP-12	27/06/2001	3	.	7	.	0
RP-13	01/10/2001	3	.	8	.	0
RP-14	04/01/2002	3	.	9	.	0
RP-15	25/03/2002	3	.	10	.	0
RP-16	17/06/2002	3	.	11	.	0
RP-17	18/09/2002	3	.	12	.	0
RP-18	09/01/2003	3	.	13	.	0
RP-19	25/03/2003	3	.	14	.	0
RP-20	20/06/2003	3	.	15	.	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

TS 25.401 UTRAN overall description

R99 current version: 3.10.0
freeze_meeting: SP-05

WG (prime / other): R3 / - rapporteur: CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)
G: U: yes MCC: KRAUSE, Joern

history (event, available, version,
and Scope
First complete 04/03/1999 1 . 0 . 0
RP-04 23/06/1999 1 . 1 . 1
RP-05 13/10/1999 3 . 0 . 0
RP-06 17/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-09 05/10/2000 3 . 4 . 0
RP-10 21/12/2000 3 . 5 . 0
RP-11 06/04/2001 3 . 6 . 0
RP-12 06/07/2001 3 . 7 . 0
RP-13 12/10/2001 3 . 8 . 0
RP-15 02/04/2002 3 . 9 . 0
RP-16 28/06/2002 3 . 10 . 0

[get it](#) remarks - general: Approval at TSG#5
remarks - this release:
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TS 25.402 Synchronisation in UTRAN Stage 2

R99 current version: 3.10.0
freeze_meeting: SP-06

WG (prime / other): R3 / - rapporteur: PIOLINI, Flavio Indicate persons who left Company and wait for new
G: U: yes MCC: KRAUSE, Joern One

history (event, available, version,
RP-05 13/10/1999 0 . 0 . 1
RP-06 17/12/1999 3 . 0 . 0
RP-07 17/03/2000 3 . 1 . 0
RP-08 23/06/2000 3 . 2 . 0
RP-09 05/10/2000 3 . 3 . 0
RP-10 22/12/2000 3 . 4 . 0
RP-11 06/04/2001 3 . 5 . 0
RP-12 06/07/2001 3 . 6 . 0
RP-13 12/10/2001 3 . 7 . 0
RP-14 11/01/2002 3 . 8 . 0
RP-15 02/04/2002 3 . 9 . 0
RP-16 28/06/2002 3 . 10 . 0

[get it](#) remarks - general: New
remarks - this release:
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G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.410 UTRAN Iu Interface: General Aspects and Principles

R99 *current version:* 3.8.0 *freeze_meeting:* SP-05
history (event, available, version,
draft 04/03/1999 0 . 0 . 0 [get it](#)
RP-03 23/04/1999 0 . 1 . 0 [get it](#)
RP-04 23/06/1999 0 . 2 . 1 [get it](#)
RP-05 13/10/1999 3 . 0 . 0 [get it](#)
RP-06 12/12/1999 3 . 1 . 0 [get it](#)
RP-07 15/03/2000 3 . 2 . 0 [get it](#)
RP-10 21/12/2000 3 . 3 . 0 [get it](#)
RP-12 06/07/2001 3 . 4 . 0 [get it](#)
RP-13 12/10/2001 3 . 5 . 0 [get it](#)
RP-14 11/01/2002 3 . 6 . 0 [get it](#)
RP-16 28/06/2002 3 . 7 . 0 [get it](#)
RP-17 30/09/2002 3 . 8 . 0 [get it](#)

WG (prime / other): R3 / - *rapporteur:* TOWNEND, Richard mmO2 plc
G: *U:* yes *MCC:* KRAUSE, Joern
remarks - general: Approval at TSG#5
remarks - this release:

TS 25.411 UTRAN Iu interface layer 1

R99 *current version:* 3.5.0 *freeze_meeting:* SP-04
history (event, available, version,
RP-03 23/04/1999 0 . 0 . 0 [get it](#)
TB adoption of WI 15/01/1999 0 . 0 . 0 [get it](#)
Creation of WI by 15/01/1999 0 . 0 . 0 [get it](#)
WG/TB
RP-04 23/06/1999 3 . 0 . 0 [get it](#)
RP-06 12/12/1999 3 . 1 . 0 [get it](#)
RP-07 15/03/2000 3 . 2 . 0 [get it](#)
RP-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](#)

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

G = required in systems with GERAN access; 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

TS 25.412 UTRAN Iu interface signalling transport

R99 *current version:* 3.6.0 *freeze_meeting:* SP-04 *WG (prime / other):* R3 / - *rapporteur:* THAKARE, Kiran *RadioScope Limited*
G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, and Scope)

Table of Contents	04/02/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	17/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
RP-09	05/10/2000	3	.	5	.	0
RP-10	21/12/2000	3	.	6	.	0

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

TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

R99 *current version:* 3.13.0 *freeze_meeting:* SP-06 *WG (prime / other):* R3 / - *rapporteur:* JUSSILA, Jyrki *NOKIA Corporation*
G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, draft)

draft	04/02/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	0	.	2
RP-05	13/10/1999	1	.	3	.	1
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	14/01/2002	3	.	8	.	0
RP-15	02/04/2002	3	.	9	.	0
RP-16	05/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0
edito post RP-17	03/10/2002	3	.	11	.	1
RP-18	03/01/2003	3	.	12	.	0
RP-20	17/06/2003	3	.	13	.	0

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

G = required in systems with GERAN access; 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

TS 25.414 UTRAN Iu interface data transport & transport signalling

R99 current version: 3.13.0
freeze_meeting: SP-04

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

history (event, available, version,
draft 04/02/1999 0 . 0 . 0
draft 04/03/1999 1 . 0 . 0
RP-04 23/06/1999 3 . 0 . 0
RP-05 13/10/1999 3 . 1 . 0
RP-06 12/12/1999 3 . 2 . 0
RP-07 15/03/2000 3 . 3 . 0
RP-08 23/06/2000 3 . 4 . 0
RP-09 05/10/2000 3 . 5 . 0
RP-10 21/12/2000 3 . 6 . 0
RP-11 06/04/2001 3 . 7 . 0
RP-13 12/10/2001 3 . 8 . 0
RP-14 14/01/2002 3 . 9 . 0
RP-15 02/04/2002 3 . 10 . 0
RP-16 28/06/2002 3 . 11 . 0
RP-18 03/01/2003 3 . 12 . 0
RP-19 26/03/2003 3 . 13 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.415 UTRAN Iu interface user plane protocols

R99 current version: 3.12.0
freeze_meeting: SP-05

WG (prime / other): R3 / - rapporteur: MAUPIN, Alain
G: U: yes MCC: KRAUSE, Joern

Telefon AB LM Ericsson

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	1	.	3
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	05/10/2000	3	.	4	.	0
RP-10	21/12/2000	3	.	5	.	0
RP-11	06/04/2001	3	.	6	.	0
RP-12	06/07/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	25/03/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0
RP-17	26/09/2002	3	.	12	.	0

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remarks - general:

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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 R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 *current version:* 3.11.0 *WG (prime / other):* R3 / - *rapporteur:* TAYLOR, Carolyn MOTOROLA Ltd
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,

RP-06	17/12/1999	0	.	0	.	0		get it	<i>remarks - general:</i>
RP-07		2	.	0	.	0	RP-000113		<i>remarks - this release:</i>
RP-07	15/03/2000	3	.	0	.	0		get it	
RP-08	23/06/2000	3	.	1	.	0		get it	
RP-09	05/10/2000	3	.	2	.	0		get it	
RP-10	21/12/2000	3	.	3	.	0		get it	
RP-11	06/04/2001	3	.	4	.	0		get it	
RP-12	06/07/2001	3	.	5	.	0		get it	
RP-13	12/10/2001	3	.	6	.	0		get it	
RP-14	11/01/2002	3	.	7	.	0		get it	
RP-15	02/04/2002	3	.	8	.	0		get it	
RP-16	28/06/2002	3	.	9	.	0		get it	
RP-17	30/09/2002	3	.	10	.	0		get it	
RP-20	17/06/2003	3	.	11	.	0		get it	

TS 25.420 UTRAN Iur Interface: General Aspects and Principles

R99 *current version:* 3.5.0 *WG (prime / other):* R3 / - *rapporteur:* THAKARE, Kiran RadioScape Limited
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,

RP-03	23/04/1999	0	.	1	.	0		get it	<i>remarks - general:</i>
RP-04	23/06/1999	0	.	1	.	3		get it	<i>remarks - this release:</i>
RP-05	13/10/1999	1	.	0	.	1		get it	
RP-06	12/12/1999	3	.	0	.	0		get it	
RP-07	15/03/2000	3	.	1	.	0		get it	
RP-09	05/10/2000	3	.	2	.	0		get it	
RP-11	05/04/2001	3	.	3	.	0		get it	
RP-14	11/01/2002	3	.	4	.	0		get it	
RP-15	02/04/2002	3	.	5	.	0		get it	

G = required in systems with GERAN access; 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

TS 25.421 UTRAN Iur interface Layer 1

R99 *current version:* 3.1.0
freeze_meeting: SP-04

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

history (event, available, version,
RP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
RP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
RP-11 06/04/2001 3 . 1 . 0 [get it](#)

TS 25.422 UTRAN Iur interface signalling transport

R99 *current version:* 3.6.1
freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* THAKARE, Kiran RadioScape Limited
G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,
WG approval 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 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](#)
edito 05/10/2000 3 . 4 . 1 [get it](#)
RP-10 21/12/2000 3 . 5 . 0 [get it](#)
RP-14 11/01/2002 3 . 6 . 0 [get it](#)
edito post RP-14 02/04/2002 3 . 6 . 1 [get it](#)

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

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Server ACTIVE specs R99 25 .- series
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TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

R99 current version: 3.13.0
freeze_meeting: SP-06

WG (prime / other): R3 / - rapporteur: RUNE, Göran Ericsson AB
G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

draft	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	1
RP-05	13/10/1999	1	.	4	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	02/01/2001	3	.	4	.	0
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	02/04/2002	3	.	9	.	0
RP-16	05/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0
RP-18	03/01/2003	3	.	12	.	0
RP-19	26/03/2003	3	.	13	.	0

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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

TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

R99 *current version:* 3.9.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,
WG approval 19/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*
RP-03 23/04/1999 1 . 0 . 0 [get it](#) *remarks - this release:*
RP-04 23/06/1999 3 . 0 . 0 [get it](#)
RP-06 12/12/1999 3 . 1 . 0 [get it](#)
RP-05 13/10/1999 3 . 1 . 0 [get it](#)
RP-07 15/03/2000 3 . 2 . 0 [get it](#)
RP-08 23/06/2000 3 . 3 . 0 [get it](#)
RP-09 05/10/2000 3 . 4 . 0 [get it](#)
RP-10 21/12/2000 3 . 5 . 0 [get it](#)
RP-11 06/04/2001 3 . 6 . 0 [get it](#)
RP-14 11/01/2002 3 . 7 . 0 [get it](#)
RP-15 02/04/2002 3 . 8 . 0 [get it](#)
RP-16 28/06/2002 3 . 9 . 0 [get it](#)

TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams

R99 *current version:* 3.7.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,
draft 19/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*
RP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - this release:*
RP-04 23/06/1999 0 . 2 . 0 [get it](#)
RP-05 13/10/1999 0 . 2 . 5 [get it](#)
RP-06 12/12/1999 3 . 0 . 0 [get it](#)
RP-07 15/03/2000 3 . 1 . 0 [get it](#)
RP-08 23/06/2000 3 . 2 . 0 [get it](#)
RP-10 21/12/2000 3 . 3 . 0 [get it](#)
RP-11 06/04/2001 3 . 4 . 0 [get it](#)
RP-13 12/10/2001 3 . 5 . 0 [get it](#)
RP-14 11/01/2002 3 . 6 . 0 [get it](#)
RP-15 02/04/2002 3 . 7 . 0 [get it](#)

G = required in systems with GERAN access; 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

TS 25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams					
R99	current version: 3.9.0	WG (prime / other): R3 / -	rapporteur: KEKKI, Sami	NOKIA Corporation		
	freeze_meeting: SP-04	G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version,					
	WG approval 19/03/1999	0 . 0 . 0	get it	remarks - general:		
	RP-03 23/04/1999	1 . 0 . 0	get it	remarks - this release:		
	RP-04 23/06/1999	3 . 0 . 0	get it			
	RP-05 13/10/1999	3 . 1 . 0	get it			
	RP-07 15/03/2000	3 . 2 . 0	get it			
	RP-08 23/06/2000	3 . 3 . 0	get it			
	RP-09 05/10/2000	3 . 4 . 0	get it			
	RP-10 21/12/2000	3 . 5 . 0	get it			
	RP-11 06/04/2001	3 . 6 . 0	get it			
	RP-14 11/01/2002	3 . 7 . 0	get it			
	RP-15 04/04/2002	3 . 8 . 0	get it			
	RP-16 28/06/2002	3 . 9 . 0	get it			

TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams					
R99	current version: 3.10.0	WG (prime / other): R3 / -	rapporteur: LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND		
	freeze_meeting: SP-05	G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version,					
	RP-03 23/04/1999	0 . 1 . 0	get it	remarks - general:		
	RP-04 23/06/1999	0 . 2 . 1	get it	remarks - this release:		
	RP-05 13/10/1999	3 . 0 . 0	get it			
	RP-06 12/12/1999	3 . 1 . 0	get it			
	RP-07 15/03/2000	3 . 2 . 0	get it			
	RP-08 23/06/2000	3 . 3 . 0	get it			
	RP-09 05/10/2000	3 . 4 . 0	get it			
	RP-10 21/12/2000	3 . 5 . 0	get it			
	RP-11 06/04/2001	3 . 6 . 0	get it			
	RP-12 06/07/2001	3 . 7 . 0	get it			
	RP-13 12/10/2001	3 . 8 . 0	get it			
	RP-14 11/01/2002	3 . 9 . 0	get it			
	RP-18 03/01/2003	3 . 10 . 0	get it			

G = required in systems with GERAN access; 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

TS 25.430 UTRAN Iub Interface: General Aspects and Principles

R99 *current version:* 3.8.0
freeze_meeting: SP-06

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

FUJITSU Laboratories of Europe Limited

history (event, available, version,
WG approval 19/03/1999 0 . 0 . 0
RP-03 23/04/1999 0 . 1 . 0
RP-04 23/06/1999 0 . 1 . 2
RP-05 13/10/1999 2 . 0 . 0
RP-06 12/12/1999 3 . 0 . 0
RP-07 15/03/2000 3 . 1 . 0
RP-08 23/06/2000 3 . 2 . 0
RP-09 05/10/2000 3 . 3 . 0
RP-10 21/12/2000 3 . 4 . 0
RP-11 06/04/2001 3 . 5 . 0
RP-12 06/07/2001 3 . 6 . 0
RP-14 11/01/2002 3 . 7 . 0
RP-16 28/06/2002 3 . 8 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.431 UTRAN Iub interface Layer 1

R99 *current version:* 3.1.0
freeze_meeting: SP-04

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

SIEMENS AG

history (event, available, version,
RP-03 23/04/1999 0 . 0 . 0
Creation of WI by 15/01/1999 0 . 0 . 0
WG/TB
RP-04 23/06/1999 3 . 0 . 0
RP-11 06/04/2001 3 . 1 . 0

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

TS 25.432 UTRAN Iub interface: signalling transport

R99 *current version:* 3.1.0
freeze_meeting: SP-04

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

FUJITSU Laboratories of Europe Limited

history (event, available, version,
WG approval 19/03/1999 0 . 0 . 0
RP-03 23/04/1999 1 . 0 . 0
RP-04 23/06/1999 3 . 0 . 0
RP-05 13/10/1999 3 . 1 . 0

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

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.433 UTRAN Iub interface NBAP signalling

R99 current version: 3.13.0
freeze_meeting: SP-06

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

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	0	.	2
RP-05	13/10/1999	1	.	3	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
edito	01/02/2001	3	.	4	.	1
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	04/04/2002	3	.	9	.	0
RP-16	19/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0
RP-18	03/01/2003	3	.	12	.	0
RP-19	31/03/2003	3	.	13	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.434 UTRAN Iub interface data transport & transport signalling for CCH data streams

R99 *current version:* 3.8.0 *WG (prime / other):* R3 / - *rapporteur:* ALDEN, Magnus TeliaSonera AB
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* KRAUSE, Joem

history (event, available, version,
draft 19/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*
RP-03 23/04/1999 1 . 0 . 0 [get it](#) *remarks - this release:*
RP-04 23/06/1999 3 . 0 . 0 [get it](#)
RP-05 13/10/1999 3 . 1 . 0 [get it](#)
RP-07 15/03/2000 3 . 2 . 0 [get it](#)
RP-09 05/10/2000 3 . 3 . 0 [get it](#)
RP-10 21/12/2000 3 . 4 . 0 [get it](#)
RP-11 06/04/2001 3 . 5 . 0 [get it](#)
RP-14 11/01/2002 3 . 6 . 0 [get it](#)
RP-15 02/04/2002 3 . 7 . 0 [get it](#)
RP-16 28/06/2002 3 . 8 . 0 [get it](#)

TS 25.435 UTRAN Iub interface user plane protocols for CCH data streams

R99 *current version:* 3.10.0 *WG (prime / other):* R3 / - *rapporteur:* CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* KRAUSE, Joem

history (event, available, version,
RP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - general:*
RP-04 23/06/1999 0 . 2 . 1 [get it](#) *remarks - this release:*
RP-05 13/10/1999 3 . 0 . 0 [get it](#)
RP-06 12/12/1999 3 . 1 . 0 [get it](#)
RP-07 15/03/2000 3 . 2 . 0 [get it](#)
RP-08 23/06/2000 3 . 3 . 0 [get it](#)
RP-09 10/10/2000 3 . 4 . 0 [get it](#)
RP-10 21/12/2000 3 . 5 . 0 [get it](#)
RP-11 06/04/2001 3 . 6 . 0 [get it](#)
RP-12 06/07/2001 3 . 7 . 0 [get it](#)
RP-13 12/10/2001 3 . 8 . 0 [get it](#)
RP-14 11/01/2002 3 . 9 . 0 [get it](#)
RP-15 02/04/2002 3 . 10 . 0 [get it](#)

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

TS 25.442	UTRAN implementation-specific O&M transport					
R99	current version: 3.1.0 freeze_meeting: SP-05	WG (prime / other): R3 / -	rapporteur: RECKER, Stephan	Indicate persons who left Company and wait for new One		
	history (event, available, version,	G: U: yes	MCC: KRAUSE, Joern			
	RP-03 23/04/1999 0 . 0 . 0	get it	remarks - general:			
	RP-04 23/06/1999 0 . 0 . 2	get it	remarks - this release:			
	RP-05 13/10/1999 3 . 0 . 0	get it				
	RP-07 15/03/2000 3 . 1 . 0	get it				
TR 25.832	Manifestations of Handover and SRNS relocation					
R99	current version: 3.0.0 freeze_meeting: SP-05	WG (prime / other): R3 / -	rapporteur: TOWNEND, Richard	mmO2 plc		
	history (event, available, version,	G: U: yes	MCC: KRAUSE, Joern			
	First complete 04/03/1999 0 . 0 . 0	get it	remarks - general:			
	WG approval 19/03/1999 1 . 0 . 0	get it	remarks - this release: .			
	RP-03 23/04/1999 2 . 0 . 0	get it				
	RP-04 23/06/1999 2 . 1 . 1	get it				
	RP-05 13/10/1999 3 . 0 . 0	get it				
TR 25.833	Physical layer items not for inclusion in Release 99					
R99	current version: 1.1.0 freeze_meeting: SP-06	WG (prime / other): R1 / -	rapporteur: IKEDA, Shinobu	NEC Corporation		
	history (event, available, version,	G: U: yes	MCC: SASAKI, Tsukasa			
	RP-08 12/01/2001 1 . 1 . 0	get it	remarks - general: Created Jan 2000 (aka R1.03)			
			remarks - this release:			
TR 25.853	Delay budget within the access stratum					
R99	current version: 3.1.0 freeze_meeting: RP-11	WG (prime / other): R3 / -	rapporteur: DELL'ACQUA, Massimo	Indicate persons who left Company and wait for new One		
	history (event, available, version,	G: U: yes	MCC: KRAUSE, Joern			
	draft 06/04/2001 0 . 0 . 0	get it	remarks - general: Was 25.932. Approved and renumbered at TSG#10.			
	RP-10 22/12/2000 3 . 0 . 0	get it	remarks - this release: TSG#10:3.0.0 (is evidently R99 not Rel-4)			
	RP-11 06/04/2001 3 . 1 . 0	get it				

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

TR 25.921 Guidelines and principles for protocol description and error handling

R99 *current version:* 3.8.0 *WG (prime / other):* R2 / - *rapporteur:* KALLA, Gairn NOKIA UK Ltd
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,
Table of Contents 04/02/1999 0 . 0 . 0 [get it](#) *remarks - general:*
and Scope *remarks - this release:*

RP-03	23/04/1999	1 . 0 . 0	get it
RP-05	13/10/1999	1 . 3 . 0	get it
RP-06	12/12/1999	3 . 0 . 0	get it
RP-07	15/03/2000	3 . 1 . 0	get it
RP-10	20/12/2000	3 . 2 . 0	get it
RP-11	27/03/2001	3 . 3 . 0	get it
RP-12	19/06/2001	3 . 4 . 0	get it
RP-13	02/10/2001	3 . 5 . 0	get it
RP-14	04/01/2002	3 . 6 . 0	get it
RP-15	19/03/2002	3 . 7 . 0	get it
RP-18	13/01/2003	3 . 8 . 0	get it

TR 25.922 Radio Resource Management Strategies

R99 *current version:* 3.7.0 *WG (prime / other):* R2 / - *rapporteur:* BULDORINI, Andrea TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,
First complete 04/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*
RP-03 23/04/1999 0 . 1 . 1 [get it](#) *remarks - this release:*
RP-04 23/06/1999 0 . 2 . 0 [get it](#)
RP-05 13/10/1999 0 . 5 . 0 [get it](#)
RP-06 12/12/1999 3 . 0 . 0 [get it](#)
RP-07 15/03/2000 3 . 1 . 0 [get it](#)
RP-08 23/06/2000 3 . 2 . 0 [get it](#)
RP-09 16/10/2000 3 . 3 . 0 [get it](#)
RP-10 20/12/2000 3 . 4 . 0 [get it](#)
RP-11 27/03/2001 3 . 5 . 0 [get it](#)
RP-13 02/10/2001 3 . 6 . 0 [get it](#)
RP-15 19/03/2002 3 . 7 . 0 [get it](#)

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.925 Radio Interface for Broadcast/Multicast Services

R99 current version: 3.4.0
freeze_meeting: SP-06

WG (prime / other): R2 / - rapporteur: KRISCHAN, Peter Vodafone D2 GmbH
G: U: yes MCC: ARZELIER, Claude

history (event, available, version,

First complete	04/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	0	.	2
RP-04	23/06/1999	0	.	1	.	0
RP-05	13/10/1999	0	.	2	.	0
RP-06	21/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-09	06/10/2000	3	.	2	.	0
RP-10	20/12/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TR 25.931 UTRAN Functions, examples on signalling procedures

R99 current version: 3.7.0
freeze_meeting: SP-07

WG (prime / other): R3 / - rapporteur: CASALINO, Francesco TELECOM ITALIA S.p.A.
G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	1
RP-05	13/10/1999	1	.	2	.	2
RP-07	15/03/2000	1	.	2	.	4
RP-08	23/06/2000	3	.	0	.	0
RP-09	05/10/2000	3	.	1	.	0
RP-10	21/12/2000	3	.	2	.	0
RP-11	06/04/2001	3	.	3	.	0
RP-12	05/07/2001	3	.	4	.	0
RP-14	11/01/2002	3	.	5	.	0
RP-15	02/04/2002	3	.	6	.	0
RP-16	28/06/2002	3	.	7	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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G = required in systems with GERAN access; 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

TR 25.941	Document structure								
R99	current version: 3.1.0			WG (prime / other): R4 / -	rapporteur: TAKAMI, Tadao	NTT DoCoMo Inc			
	freeze_meeting: RP-06			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-03 23/04/1999	0	. 0	. 1	get it	remarks - general:			
	RP-04 23/06/1999	1	. 0	. 0	get it	remarks - this release:			
	RP-05 13/10/1999	3	. 0	. 0	get it				
	RP-06 17/12/1999	3	. 1	. 0	get it				

TR 25.942	RF system scenarios								
R99	current version: 3.3.0			WG (prime / other): R4 / -	rapporteur: BENABDALLAH, Nadia	Vodafone Omnitel N.V			
	freeze_meeting: SP-11			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-03 23/04/1999	0	. 0	. 2	get it	remarks - general: Additional rapporteur = A.De Pasquale.			
	RP-04 23/06/1999	1	. 0	. 0	get it	remarks - this release:			
	RP-05 13/10/1999	2	. 0	. 0	get it				
	RP-06 12/12/1999	2	. 1	. 1	get it				
	RP-07 15/03/2000	2	. 1	. 3	get it				
	RP-09 26/10/2000	2	. 3	. 0	get it				
	RP-11 10/04/2001	3	. 0	. 0	get it				
	RP-12 03/07/2001	3	. 1	. 0	get it				
	RP-14 14/01/2002	3	. 2	. 0	get it				
	RP-16 03/07/2002	3	. 3	. 0	get it				

TR 25.944	Channel coding and multiplexing examples								
R99	current version: 3.5.0			WG (prime / other): R1 / -	rapporteur: IKEDA, Shinobu	NEC Corporation			
	freeze_meeting: SP-07			G: U: yes	MCC: SASAKI, Tsukasa				
	history (event, available, version,								
	editor's draft 25/11/1999	0	. 0	. 1	get it	remarks - general: Created Jan 2000 (aka R1.04)			
	R1-09 15/12/1999	1	. 0	. 0	get it	remarks - this release:			
	RP-07 16/03/2000	3	. 0	. 0	get it				
	RP-08 23/06/2000	3	. 1	. 0	get it				
	RP-09 18/10/2000	3	. 2	. 0	get it				
	RP-10 22/12/2000	3	. 3	. 0	get it				
	RP-11 06/04/2001	3	. 4	. 0	get it				
	edito 10/04/2001	3	. 4	. 1	get it				
	RP-12 28/06/2001	3	. 5	. 0	get it				

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

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Server ACTIVE specs R99 25 .- series
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TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)
R99 *current version:* 3.0.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-18 13/01/2003 3 . 0 . 0 Back creation from Rel-6 version [get it](#) *remarks - general:*
remarks - this release: Pointer to latest release version.

R99 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.071 AMR speech Codec; General description
R99 *current version:* 3.0.1 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-04 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .
SP-05 13/10/1999 3 . 0 . 1 [get it](#)

TS 26.073 AMR speech Codec; C-source code
R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-04 23/06/1999 0 . 1 . 0 [get it](#) *remarks - general:*
SP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 1 . 0 . 0 [get it](#)
SP-06 17/12/1999 3 . 0 . 0 [get it](#)
SP-07 15/03/2000 3 . 1 . 0 [get it](#)
SP-11 10/04/2001 3 . 2 . 0 [get it](#)
SP-14 09/01/2002 3 . 3 . 0 [get it](#)

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

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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.074 AMR speech Codec; Test sequences

R99 *current version:* 3.1.1 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-06 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-04 23/06/1999 1 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 2 . 0 . 0 [get it](#)
SP-06 17/12/1999 3 . 0 . 0 [get it](#)
Test sequences 02/02/2000 3 . 0 . 1 [get it](#)
available
Test sequences 14/09/2000 3 . 0 . 2 [get it](#)
corrected
SP-11 10/04/2001 3 . 1 . 0 [get it](#)
corrected test 04/07/2001 3 . 1 . 1 [get it](#)

TS 26.090 AMR speech Codec; Transcoding Functions

R99 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .
SP-05 13/10/1999 3 . 0 . 1 [get it](#)
SP-06 17/12/1999 3 . 1 . 0 [get it](#)

TS 26.091 AMR speech Codec; Error concealment of lost frames

R99 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .
SP-05 13/10/1999 3 . 0 . 1 [get it](#)
SP-06 17/12/1999 3 . 1 . 0 [get it](#)

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

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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels						
R99	current version: 3.0.1 freeze_meeting: SP-04	WG (prime / other): S4 / - G: yes U: yes		rapporteur: EKUDDEN, Erik MCC: USAI, Paolino		Telefon AB LM Ericsson	
	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	get it get it get it	remarks - general: Transfer>TSG#4 remarks - this release: .				
TS 26.093	AMR speech Codec; Source Controlled Rate operation						
R99	current version: 3.3.0 freeze_meeting: SP-04	WG (prime / other): S4 / - G: yes U: yes		rapporteur: EKUDDEN, Erik MCC: USAI, Paolino		Telefon AB LM Ericsson	
	history (event, available, version, SP-03 26/04/1999 1 . 0 . 0 SP-04 23/06/1999 3 . 0 . 0 SP-05 13/10/1999 3 . 0 . 1 SP-06 17/12/1999 3 . 1 . 0 SP-08 28/06/2000 3 . 2 . 0 SP-10 21/12/2000 3 . 3 . 0	get it get it get it get it get it get it	remarks - general: Transfer>TSG#4 remarks - this release: .				
TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels						
R99	current version: 3.0.0 freeze_meeting: SP-05	WG (prime / other): S4 / - G: yes U: yes		rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.	
	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	get it get it get it	remarks - general: Transfer>TSG#4 remarks - this release: .				
TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure						
R99	current version: 3.3.0 freeze_meeting: SP-06	WG (prime / other): S4 / - G: U: yes		rapporteur: HAGQVIST, Jari MCC: USAI, Paolino		NOKIA Corporation	
	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 SP-15 28/03/2002 3 . 3 . 0	get it get it get it get it get it get it get it	remarks - general: remarks - this release: .				

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

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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu					
R99	current version: 3.4.0 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U: yes		rapporteur: NAVARRO, William MCC: USAI, Paolino		NORTEL NETWORKS (EUROPE)
	history (event, available, version,					
	SP-03 26/04/1999 0 . 2 . 0	get it	remarks - general:			
	SP-06 17/12/1999 3 . 0 . 0	get it	remarks - this release:			
	SP-07 15/03/2000 3 . 1 . 0	get it				
	SP-10 12/12/2000 3 . 2 . 0	get it				
	SP-11 10/04/2001 3 . 3 . 0	get it				
	SP-19 04/04/2003 3 . 4 . 0	get it				
<hr/>						
TS 26.103	Speech codec list for GSM and UMTS					
R99	current version: 3.2.0 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U: yes		rapporteur: HELLWIG, Karl MCC: USAI, Paolino		Telefon AB LM Ericsson
	history (event, available, version,					
	SP-06 17/12/1999 3 . 0 . 0	get it	remarks - general: New after TSG#5			
	SP-14 09/01/2002 3 . 1 . 0	get it	remarks - this release: .			
	SP-16 28/06/2002 3 . 2 . 0	get it				
<hr/>						
TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
R99	current version: 3.5.0 freeze_meeting: SP-07	WG (prime / other): S4 / - G: yes U: yes		rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.
	history (event, available, version,					
	SP-06 17/12/1999 0 . 1 . 0	get it	remarks - general:			
	SP-07 15/03/2000 0 . 3 . 0 SP-000022	get it	remarks - this release:			
	SP-08 28/06/2000 3 . 0 . 0	get it				
	SP-10 21/12/2000 3 . 1 . 0	get it				
	SP-12 27/06/2001 3 . 2 . 0	get it				
	bug fix 29/06/2001 3 . 2 . 1	get it				
	SP-13 02/10/2001 3 . 3 . 0	get it				
	SP-15 28/03/2002 3 . 4 . 0	get it				
	SP-19 04/04/2003 3 . 5 . 0	get it				

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

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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.110	Codec for circuit switched multimedia telephony service; General description					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry	TOSHIBA CO		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-03 26/04/1999 1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-04 23/06/1999 3 . 0 . 0	get it	<i>remarks - this release:</i>			
	SP-05 13/10/1999 3 . 0 . 1	get it				
	SP-11 04/07/2001 3 . 1 . 0	get it				
<hr/>						
TS 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry	TOSHIBA CO		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-03 26/04/1999 1 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#5			
	SP-04 23/06/1999 3 . 0 . 0	get it	<i>remarks - this release:</i>			
	SP-05 13/10/1999 3 . 0 . 2	get it				
	SP-06 15/12/1999 3 . 1 . 0	get it				
	SP-08 28/06/2000 3 . 2 . 0	get it				
	SP-09 10/10/2000 3 . 3 . 0	get it				
	SP-10 21/12/2000 3 . 4 . 0	get it				
<hr/>						
TS 26.131	Terminal acoustic characteristics for telephony; Requirements					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian	TELLABS OPERATIONS INC.		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999 0 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-06 17/12/1999 3 . 0 . 0	get it	<i>remarks - this release:</i>			
	SP-08 28/06/2000 3 . 1 . 0	get it				
	SP-11 10/04/2001 3 . 2 . 0	get it				
	SP-13 02/10/2001 3 . 3 . 0	get it				
	SP-17 24/09/2002 3 . 4 . 0	get it				

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

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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification					
R99	current version: 3.5.0	WG (prime / other): S4 / -	rapporteur: GOETZ, Ian	TELLABS OPERATIONS INC.		
	freeze_meeting: SP-08	G: U: yes	MCC: USAI, Paolino			
	history (event, available, version,					
	SP-05 13/10/1999	0 . 0 . 0	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			
	SP-15 28/03/2002	3 . 4 . 0	get it			
	SP-17 24/09/2002	3 . 5 . 0	get it			
<hr/>						
TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide					
R99	current version: 3.4.0	WG (prime / other): S4 / -	rapporteur: HAAVISTO, Petri	Nokia Research Center		
	freeze_meeting: SP-04	G: yes U: yes	MCC: USAI, Paolino			
	history (event, available, version,					
	SP-03 26/04/1999	1 . 0 . 0	get it	remarks - general:		
	SP-04 23/06/1999	3 . 0 . 0	get it	remarks - this release:		
	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			
	SP-19 04/04/2003	3 . 4 . 0	get it			
<hr/>						
TR 26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G					
R99	current version: 3.0.0	WG (prime / other): S4 / -	rapporteur: FRANCESCHI, Olle	Nippon Ericsson K.K.		
	freeze_meeting: SP-07	G: U: yes	MCC: USAI, Paolino			
	history (event, available, version,					
	SP-03 26/04/1999	0 . 0 . 1	get it	remarks - general:		
	SP-04 23/06/1999	1 . 0 . 0	get it	remarks - this release:		
	SP-07 15/03/2000	3 . 0 . 0	get it			

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

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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.915 Echo Control For Speech and Multi-Media Services

R99 *current version:* 3.0.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
Creation of WI by 02/02/2000 0 . 0 . 1 [get it](#) *remarks - general:* Became 26.115 for Rel-4 onwards.
WG/TB *remarks - this release:* No Rel-4 version. Became 26.115.
SP-07 17/03/2000 3 . 0 . 0 [get it](#)

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

R99 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-06 17/12/1999 1 . 0 . 0 [get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.
SP-07 17/03/2000 1 . 1 . 0 [get it](#) *remarks - this release:* was 26.075;
SP-11 31/03/2001 3 . 0 . 0 [get it](#)
SP-13 05/10/2001 3 . 1 . 0 [get it](#)

R99 **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

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

R99 *current version:* 3.12.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-03 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
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](#)
NP-17 17/09/2002 3 . 11 . 0 [get it](#)
NP-20 25/06/2003 3 . 12 . 0 [get it](#)

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

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Server ACTIVE specs R99 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar 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 <i>remarks - general:</i>
NP-05	13/10/1999	3	.	1	.	0	get it <i>remarks - this release:</i>
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

TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0	get it <i>remarks - general:</i>
NP-04	23/06/1999	3	.	1	.	0	get it <i>remarks - this release:</i>
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

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

R99 *current version:* 3.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0	get it <i>remarks - general:</i>
TP-04	18/06/1999	3	.	0	.	0	get it <i>remarks - this release:</i>
TP-06	17/12/1999	3	.	1	.	0	get it
TP-16	25/06/2002	3	.	2	.	0	get it

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

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Server ACTIVE specs R99 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

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

R99 *current version:* 3.13.0
freeze_meeting: SP-04

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

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-06	17/12/1999	3	.	3	.	0
TP-07	15/03/2000	3	.	4	.	0
TP-08	23/06/2000	3	.	5	.	0
TP-09	11/10/2000	3	.	6	.	0
TP-10	04/01/2001	3	.	7	.	0
TP-11	06/04/2001	3	.	8	.	0
TP-12	04/07/2001	3	.	9	.	0
TP-14	11/01/2002	3	.	10	.	0
TP-15	29/03/2002	3	.	11	.	0
TP-18	20/12/2002	3	.	12	.	0
TP-19	31/03/2003	3	.	13	.	0

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remarks - general:

[get it](#)

remarks - this release:

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

R99 *current version:* 3.4.0
freeze_meeting: SP-04

WG (prime / other): T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-07	15/03/2000	3	.	3	.	0
TP-15	25/03/2002	3	.	4	.	0

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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 R99 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services					
R99	current version: 3.8.0	WG (prime / other):	N3 / -	rapporteur:	WILD, Johanna	MOTOROLA Ltd
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	NP-03 23/04/1999	3 . 0 . 0	get it	remarks - general:	GPRS	
	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			
	NP-07 15/03/2000	3 . 4 . 0	get it			
	NP-11 06/04/2001	3 . 5 . 0	get it			
	NP-16 24/06/2002	3 . 6 . 0	get it			
	NP-17 17/09/2002	3 . 7 . 0	get it			
	NP-20 23/06/2003	3 . 8 . 0	get it			
<hr/>						
TS 27.103	Wide Area Network Synchronization					
R99	current version: 3.1.0	WG (prime / other):	T2 / -	rapporteur:	CHAU, Alan	NOKIA UK Ltd
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	RODERMUND, Friedhelm	
	history (event, available, version,					
	TP-05 08/10/1999	3 . 0 . 0	get it	remarks - general:		
	TP-09 16/10/2000	3 . 1 . 0	get it	remarks - this release:	TSG#8:3.1.0 but this CR not impementable.	
<hr/>						
TR 27.901	Report on Terminal Interfaces - An Overview					
R99	current version: 3.1.0	WG (prime / other):	T2 / -	rapporteur:	REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB
	freeze_meeting: SP-06	G:	U: yes	MCC:	RODERMUND, Friedhelm	
	history (event, available, version,					
	TP-03 23/04/1999	0 . 0 . 1	get it	remarks - general:		
	TP-04 18/06/1999	1 . 0 . 0	get it	remarks - this release:	.	
	TP-05 08/10/1999	1 . 0 . 1	get it			
	TP-06 completed 17/12/1999	3 . 0 . 0	get it			
	TP-15 26/03/2002	3 . 1 . 0	get it			
<hr/>						
TR 27.903	Discussion of synchronization standards					
R99	current version: 3.0.0	WG (prime / other):	T2 / -	rapporteur:	LOCKHART, Rob	Motorola Inc.
	freeze_meeting: SP-05	G:	U: yes	MCC:	RODERMUND, Friedhelm	
	history (event, available, version,					
	TP-03 23/04/1999	0 . 0 . 0	get it	remarks - general:		
	TP-05 08/10/1999	3 . 0 . 0	get it	remarks - this release:	.	

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

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R99 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

R99 current version: 3.17.0

freeze_meeting: SP-03

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

history (event, available, version,

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	
NP-14	18/01/2002	3	.	11	.	0	get it	
NP-15	04/04/2002	3	.	12	.	0	get it	
NP-16	21/06/2002	3	.	13	.	0	get it	
NP-17	24/09/2002	3	.	14	.	0	get it	
NP-18	09/01/2003	3	.	15	.	0	get it	
NP-19	07/04/2003	3	.	16	.	0	get it	
NP-20	04/07/2003	3	.	17	.	0	get it	delayed availability due to complexity of changes

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

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Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

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

R99 current version: 3.12.0 WG (prime / other): N3 / - rapporteur: KLEHN, Norbert SIEMENS AG
freeze_meeting: SP-03 G: yes U: yes MCC: BOSWARTHICK, David

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
post-SP-04	27/05/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	17/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	12/10/2000	3	.	6	.	0
NP-10	22/12/2000	3	.	7	.	0
NP-11	29/03/2001	3	.	8	.	0
NP-14	11/01/2002	3	.	9	.	0
NP-16	24/06/2002	3	.	10	.	0
NP-18	06/01/2003	3	.	11	.	0
NP-20	23/06/2003	3	.	12	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 29.010 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

R99 current version: Procedures and the Mobile Application Part (MAP) 3.11.0WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo
TeliaSonera AB

freeze_meeting: SP-05

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	0	.	0	.	0
NP-05	13/10/1999	3	.	0	.	0
NP-06	15/12/1999	3	.	1	.	0
NP-07	15/03/2000	3	.	2	.	0
NP-09	26/10/2000	3	.	3	.	0
NP-10	21/12/2000	3	.	4	.	0
NP-11	30/03/2001	3	.	5	.	0
NP-12	04/07/2001	3	.	6	.	0
NP-14	11/01/2002	3	.	7	.	0
NP-16	21/06/2002	3	.	8	.	0
NP-17	18/09/2002	3	.	9	.	0
NP-18	07/01/2003	3	.	10	.	0
NP-20	27/06/2003	3	.	11	.	0

[get it](#) remarks - general: Transfer>TSG#4 (transfer??)
[get it](#) remarks - this release:
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G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.011 Signalling Interworking for Supplementary Services

R99 *current version:* 3.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

R99 *current version:* 3.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification

R99 *current version:* 3.1.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-09 06/10/2000 3 . 1 . 0 [get it](#) *remarks - this release:*

TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

R99 *current version:* 3.10.0 *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-04 23/06/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 13/10/1999 3 . 2 . 0 [get it](#)
NP-07 15/03/2000 3 . 3 . 0 [get it](#)
NP-09 23/10/2000 3 . 4 . 0 [get it](#)
edito 31/10/2000 3 . 4 . 1 [get it](#)
NP-10 02/01/2001 3 . 5 . 0 [get it](#)
NP-11 06/04/2001 3 . 6 . 0 [get it](#)
NP-13 03/10/2001 3 . 7 . 0 [get it](#)
NP-14 04/01/2002 3 . 8 . 0 [get it](#)
NP-15 21/03/2002 3 . 9 . 0 [get it](#)
NP-16 26/06/2002 3 . 10 . 0 [get it](#)

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

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Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

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

R99 current version: 3.17.0 WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	15/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-10	28/09/2000	3	.	6	.	0
NP-10	21/12/2000	3	.	7	.	0
NP-11	30/03/2001	3	.	8	.	0
NP-12	04/07/2001	3	.	9	.	0
NP-13	03/10/2001	3	.	10	.	0
NP-14	11/01/2002	3	.	11	.	0
NP-15	28/03/2002	3	.	12	.	0
NP-16	21/06/2002	3	.	13	.	0
NP-17	18/09/2002	3	.	14	.	0
NP-18	07/01/2003	3	.	15	.	0
NP-19	04/04/2003	3	.	16	.	0
NP-20	27/06/2003	3	.	17	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

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

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Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)					
R99	current version: 3.13.0	WG (prime / other):	N3 / -	rapporteur:	WILD, Johanna	MOTOROLA Ltd
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	NP-03	23/04/1999	3 . 0 . 0	get it	remarks - general:	Former title: "General Packet Radio Service (GPRS); Interworking between the
	NP-04	23/06/1999	3 . 1 . 0	get it	remarks - this release:	Public Land Mobile Network (PLMN) supporting GPRS and Packet".
	NP-06	15/12/1999	3 . 2 . 0	get it		
	NP-07	15/03/2000	3 . 3 . 0	get it		
	NP-09	12/10/2000	3 . 4 . 0	get it		
	NP-11	06/04/2001	3 . 5 . 0	get it		
	NP-12	28/06/2001	3 . 6 . 0	get it		
	NP-13	12/10/2001	3 . 7 . 0	get it		
	NP-14	14/01/2002	3 . 8 . 0	get it		
	NP-15	20/03/2002	3 . 9 . 0	get it		
	NP-16	03/07/2002	3 . 10 . 0	get it		
	NP-18	09/01/2003	3 . 11 . 0	get it		
	NP-19	27/03/2003	3 . 12 . 0	get it		
	NP-20	23/06/2003	3 . 13 . 0	get it		

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

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Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
R99	current version: 3.15.0	WG (prime / other): N2 / -	rapporteur: NOLDUS, Rogier	Telefon AB LM Ericsson	
	freeze_meeting: SP-05	G: yes U: yes	MCC: JURISIC, Andrijana		
	history (event, available, version,				
	NP-03 23/04/1999	3 . 0 . 0	get it	remarks - general: Transfer>TSG#4	
	NP-04 30/06/1999	3 . 1 . 0	get it	remarks - this release: Phase 3	
	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		
	Editorial 23/06/2000	3 . 4 . 1	get it		
	NP-09 10/10/2000	3 . 5 . 0	get it		
	NP-10 05/01/2001	3 . 6 . 0	get it		
	NP-11 29/03/2001	3 . 7 . 0	get it		
	NP-12 03/07/2001	3 . 8 . 0	get it		
	NP-13 03/10/2001	3 . 9 . 0	get it		
	NP-14 04/01/2002	3 . 10 . 0	get it		
	NP-15 19/03/2002	3 . 11 . 0	get it		
	NP-16 17/06/2002	3 . 12 . 0	get it		
	NP-17 17/09/2002	3 . 13 . 0	get it		
	NP-18 18/12/2002	3 . 14 . 0	get it		
	NP-19 25/03/2003	3 . 15 . 0	get it		

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
R99	current version: 3.3.0	WG (prime / other): R3 / -	rapporteur: VESELY, Alexander	SIEMENS AG	
	freeze_meeting: SP-08	G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,				
	RP-08	2 . 0 . 0		remarks - general: TSG#8:Appeared as v2.0.0 (RP-000258)	
	RP-08 30/06/2000	3 . 0 . 0	get it	remarks - this release:	
	RP-10 20/12/2000	3 . 1 . 0	get it		
	RP-13 12/10/2001	3 . 2 . 0	get it		
	RP-19 26/03/2003	3 . 3 . 0	get it		

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

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Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)							
R99	current version: 3.0.0 freeze_meeting: SP-07	WG (prime / other): N4 / - G: U: yes		rapporteur: AIKAWA, Shinichiro MCC: KYMALAINEN, Kimmo		Fujitsu Limited		
	history (event, available, version, NP-04 27/05/1999 0 . 0 . 0 NP-06 15/12/1999 1 . 0 . 0 NP-07 15/03/2000 3 . 0 . 0		get it	remarks - general: New after TSG#5 remarks - this release:				
TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3							
R99	current version: 3.1.0 freeze_meeting: SP-07	WG (prime / other): N4 / - G: U: yes		rapporteur: MITAMURA, Kazuo MCC: KYMALAINEN, Kimmo		NTT COMWARE Corporation		
	history (event, available, version, NP-04 27/05/1999 0 . 0 . 0 NP-06 15/12/1999 1 . 0 . 0 NP-07 15/03/2000 3 . 0 . 0 NP-09 25/10/2000 3 . 1 . 0		get it	remarks - general: New after TSG#5 remarks - this release:				
TS 29.198	Open Service Architecture (OSI) Application Programming Interface (API) - Part 1							
R99	current version: 3.4.0 freeze_meeting: SP-08	WG (prime / other): N5 / - G: U: yes		rapporteur: ABARCA, Chelo MCC: ZOICAS, Adrian		ALCATEL S.A.		
	history (event, available, version, NP-07 13/03/2000 1 . 0 . 0 NP-08 23/06/2000 3 . 0 . 0 NP-09 09/10/2000 3 . 1 . 0 NP-10 03/01/2001 3 . 2 . 0 NP-11 28/03/2001 3 . 3 . 0 NP-12 29/06/2001 3 . 4 . 0		get it	remarks - general: OSA subgroup. Was incorrectly shown as a TR; fixed @N#9. remarks - this release:				
TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults							
R99	current version: 3.0.1 freeze_meeting: SP-06	WG (prime / other): N1 / RP G: yes U: yes		rapporteur: ANDERSEN, Niels Peter Skov MCC: JORGENSEN, Per Johan		MOTOROLA A/S		
	history (event, available, version, NP-16 26/06/2002 3 . 0 . 0 edito post NP-18 16/12/2002 3 . 0 . 1		get it	remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to remarks - this release: . latest Release version.	minor editorials to change style from TS to TR.			

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

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Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.998 Open Services Architecture API part 2

R99 current version: 3.2.0
freeze_meeting: SP-08

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

history (event, available, version,
NP-07 13/03/2000 1 . 0 . 0
NP-08 23/06/2000 3 . 0 . 0
NP-09 08/10/2000 3 . 1 . 0
NP-10 03/01/2001 3 . 2 . 0

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

R99 31 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.101 UICC-terminal interface; Physical and logical characteristics

R99 current version: 3.3.0
freeze_meeting: SP-06

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

history (event, available, version,
TP-03 23/04/1999 0 . 0 . 0
TP-04 23/06/1999 0 . 5 . 0

TP-05 08/10/1999 1 . 0 . 0
TP-06 17/12/1999 3 . 0 . 0
TP-07 15/03/2000 3 . 1 . 0 completion target
TP-08 06/02/2000 3 . 2 . 0
TP-09 18/10/2000 3 . 3 . 0

[get it](#) remarks - general: Contents is a reference to ETSI TR 102 221.
[get it](#) remarks - this release: TP-09: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec list. Sanders, May 2001: no, not withdrawn. So re-instated.
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.102 Characteristics of the USIM application

R99 *current version:* 3.13.0
freeze_meeting: SP-06

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

GIESECKE & DEVRIENT GmbH

history (event, available, version,
 TP-03 23/04/1999 0 . 0 . 0
 TP-04 23/06/1999 0 . 5 . 0
 TP-05 08/10/1999 1 . 0 . 0
 TP-06 17/12/1999 3 . 0 . 0
 TP-07 completion 15/03/2000 3 . 1 . 0
 target
 TP-08 23/06/2000 3 . 2 . 0
 TP-09 18/10/2000 3 . 3 . 0
 TP-10 05/01/2001 3 . 4 . 0
 TP-11 09/04/2001 3 . 5 . 0
 TP-12 06/07/2001 3 . 6 . 0
 TP-13 11/10/2001 3 . 7 . 0
 TP-14 17/01/2002 3 . 8 . 0
 TP-16 28/06/2002 3 . 9 . 0
 TP-17 25/09/2002 3 . 10 . 0
 TP-18 02/01/2003 3 . 11 . 0
 TP-19 01/04/2003 3 . 12 . 0
 TP-20 23/06/2003 3 . 13 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 31.110 Numbering system for telecommunication IC card applications

R99 *current version:* 3.2.0
freeze_meeting: SP-06

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

SchlumbergerSema - Schlumberger Systèmes S.A

history (event, available, version,
 E-mailed to SP-T 15/11/1999 1 . 0 . 0
 for information
 TP-06 17/12/1999 3 . 0 . 0
 TP-07 completion 15/03/2000 3 . 1 . 0
 target
 TP-09 18/10/2000 3 . 2 . 0

[get it](#) *remarks - general:* Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May
remarks - this release: 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS
 101 220.
[get it](#)
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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 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.111	Universal Subscriber Identity Module Application Toolkit (USAT)						
R99	current version: 3.10.0 freeze_meeting: SP-07	WG (prime / other): T3 / -	rapporteur: WOODSEND, Kristian	Indicate persons who left Company and wait for new One			
		G: yes U: yes	MCC: DIETZE, Claus				
	history (event, available, version,						
	TP-06 17/12/1999 1 . 0 . 0	get it	remarks - general:	To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.			
	TP-07 15/03/2000 3 . 0 . 0	get it	remarks - this release:				
	TP-08 23/06/2000 3 . 1 . 0	get it					
	TP-09 18/10/2000 3 . 2 . 0	get it					
	TP-10 05/01/2001 3 . 3 . 0	get it					
	TP-11 09/04/2001 3 . 4 . 0	get it					
	TP-12 06/07/2001 3 . 5 . 0	get it					
	TP-13 12/10/2001 3 . 6 . 0	get it					
	TP-14 16/01/2002 3 . 7 . 0	get it					
	TP-16 28/06/2002 3 . 8 . 0	get it					
	TP-18 02/01/2003 3 . 9 . 0	get it					
	TP-19 04/04/2003 3 . 10 . 0	get it					
<hr/>							
TS 31.120	UICC-terminal interface; Physical, electrical and logical test specification						
R99	current version: 3.0.0 freeze_meeting: SP-08	WG (prime / other): T3 / -	rapporteur: MAESER, Torsten	Orga Test Systems GmbH			
	history (event, available, version,	G: U: yes	MCC: DIETZE, Claus				
	TP-09 18/10/2000 1 . 0 . 0	get it	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 3 . 0 . 0	get it	remarks - this release:	TP-11:moved to ETSI-SCP. TP-12: reinstated.			
<hr/>							
TS 31.121	UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification						
R99	current version: 3.6.0 freeze_meeting: SP-08	WG (prime / other): T3 / -	rapporteur: AFCHAR, Ramin	VODAFONE Group Plc			
	history (event, available, version,	G: U: yes	MCC: DIETZE, Claus				
	TP-09 18/10/2000 1 . 0 . 0	get it	remarks - general:	based on R99 core spec; split into 2 parts (this is 2)			
	TP-10 05/01/2001 3 . 0 . 0	get it	remarks - this release:				
	TP-12 06/07/2001 3 . 1 . 0	get it					
	TP-16 19/06/2002 3 . 2 . 0	get it					
	TP-17 18/09/2002 3 . 3 . 0	get it					
	TP-18 02/01/2003 3 . 4 . 0	get it					
	TP-19 26/03/2003 3 . 5 . 0	get it					
	TP-20 23/06/2003 3 . 6 . 0	get it					

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

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Server ACTIVE specs R99 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

R99 current version: 3.6.0 WG (prime / other): T3 / - rapporteur: KNIGHT, Simon ASPECTS Software Ltd
freeze_meeting: SP-08 G: U: yes MCC: DIETZE, Claus

history (event, available, version,

TP-09	18/10/2000	1	.	0	.	0
TP-10		2	.	0	.	0
TP-10	05/01/2001	3	.	0	.	0
TP-14	17/01/2002	3	.	1	.	0
TP-15	28/03/2002	3	.	2	.	0
TP-16	19/06/2002	3	.	3	.	0
TP-17	18/09/2002	3	.	4	.	0
TP-18	02/01/2003	3	.	5	.	0
TP-19	01/04/2003	3	.	6	.	0

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remarks - general: based on R99 core spec; was originally 31.121 but renumbered which 31.120 was
remarks - this release: split into two parts

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R99

32 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.005 Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain

R99 current version: 3.6.0 WG (prime / other): S5 / - rapporteur: ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-08 G: U: yes MCC: ZOICAS, Adrian

history (event, available, version,

SP-06	17/12/1999	3	.	0	.	0
SP-08	23/06/2000	3	.	1	.	0
correct	10/10/2000	3	.	2	.	0

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remarks - general:

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remarks - this release:

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implementation of
previous CR

SP-10	21/12/2000	3	.	3	.	0
edito	22/01/2001	3	.	3	.	1
SP-11	05/04/2001	3	.	4	.	0
SP-13	05/10/2001	3	.	5	.	0
SP-15	26/03/2002	3	.	6	.	0

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

3GPP specification status

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.015 Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain

R99 *current version:* 3.11.0 *WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-06	17/12/1999	3	.	0	.	0	get it	<i>remarks - general:</i>
SP-07	17/03/2000	3	.	1	.	0	get it	<i>remarks - this release:</i>
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	
SP-14	11/01/2002	3	.	8	.	0	get it	
SP-15	26/03/2002	3	.	9	.	0	get it	
SP-18	07/01/2003	3	.	10	.	0	get it	
SP-19	02/04/2003	3	.	11	.	0	get it	

TS 32.101 Telecommunication management; Principles and high level requirements

R99 *current version:* 3.4.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-03	26/04/1999	1	.	0	.	0	get it	<i>remarks - general:</i>
SP-05	13/10/1999	1	.	2	.	0	get it	<i>remarks - this release:</i>
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	

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

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.102 Telecommunication management; Architecture

R99 current version: 3.2.0
freeze_meeting: SP-07

WG (prime / other): S5 / - rapporteur: BERGGREN, Tommy TeliaSonera AB
G: U: yes MCC: ZOICAS, Adrian

history (event, available, version,
Creation of WI by 26/04/1999 0 . 0 . 0
WG/TB
SP-03 26/04/1999 1 . 0 . 0
SP-05 13/10/1999 1 . 2 . 0
SP-06 17/12/1999 3 . 0 . 0
SP-07 17/03/2000 3 . 1 . 0
Editorial 17/03/2000 3 . 1 . 1
SP-08 23/06/2000 3 . 2 . 0

[get it](#) remarks - general:
remarks - this release:
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TS 32.104 3G Performance Management

R99 current version: 3.6.0
freeze_meeting: SP-07

WG (prime / other): S5 / - rapporteur: HÜBINETTE, Ulf Telefon AB LM Ericsson
G: U: yes MCC: ZOICAS, Adrian

history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0
SP-06 17/12/1999 3 . 0 . 0
SP-07 17/03/2000 3 . 1 . 0
Editorial 17/03/2000 3 . 1 . 1
SP-08 23/06/2000 3 . 2 . 0
SP-09 10/10/2000 3 . 3 . 0
SP-10 21/12/2000 3 . 4 . 0
SP-14 11/01/2002 3 . 5 . 0
SP-20 27/06/2003 3 . 6 . 0

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remarks - this release:
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TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

R99 current version: 3.1.0
freeze_meeting: SP-07

WG (prime / other): S5 / - rapporteur: PIRT, Trevor MOTOROLA Ltd
G: U: yes MCC: ZOICAS, Adrian

history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0
SP-06 17/12/1999 1 . 1 . 0
SP-07 17/03/2000 3 . 0 . 0
Editorial 17/03/2000 3 . 0 . 1
SP-08 23/06/2000 3 . 1 . 0 split into parts

[get it](#) remarks - general: SP-08: split into eight parts
remarks - this release: SP-08: multipart split from parent 3.0.1
[get it](#)
[get it](#)
[get it](#)

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

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service
R99	<i>current version:</i> 3.3.0 <i>freeze_meeting:</i> SP-07 <i>history (event, available, version,</i> SP-08: split into 23/06/2000 3 . 1 . 0 parts SP-10 21/12/2000 3 . 2 . 0 SP-11 05/04/2001 3 . 3 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TSE, Edwin Ericsson Incorporated <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> TSG#8: split into eight parts get it <i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1 get it

TS 32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)
R99	<i>current version:</i> solution set Ericsson Incorporated <i>freeze_meeting:</i> SP-07 <i>history (event, available, version,</i> SP-08: split into 23/06/2000 3 . 1 . 0 parts SP-10 21/12/2000 3 . 2 . 0 SP-11 05/04/2001 3 . 3 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TSE, Edwin <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> TSG#8: split into eight parts get it <i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1 get it

TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP)
R99	<i>current version:</i> 3.2.1 <i>freeze_meeting:</i> SP-07 <i>history (event, available, version,</i> SP-08: split into 23/06/2000 3 . 1 . 0 parts SP-14 11/01/2002 3 . 2 . 0 editorial after 18/09/2002 3 . 2 . 1 SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> TSG#8: split into eight parts get it <i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1 get it

TS 32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP): Information model (including Network Resource Model NRM))
R99	<i>current version:</i> Network Resource Model NRM)) Telefon AB LM Ericsson <i>freeze_meeting:</i> SP-10 <i>history (event, available, version,</i> draft 10/10/2000 1 . 0 . 1 SP-10 21/12/2000 3 . 0 . 0 SP-11 05/04/2001 3 . 1 . 0 SP-12 03/07/2001 3 . 2 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> TSG#8: split into eight parts get it <i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99) get it get it

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

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TS 32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP): Common Object Request Broker								
R99	current version: Architecture (CORBA) solution set	3.3.0	WG (prime / other):	S5	/-	rapporteur:	ZHOU, Di	SIEMENS AG	
	freeze_meeting: SP-10	G:	U: yes	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	draft 31/10/2000	0 . 1 . 0	get it	remarks - general:	TSG#8: split into eight parts				
	SP-10 14/12/2000	3 . 0 . 0	get it	remarks - this release:	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)				
	SP-11 05/04/2001	3 . 1 . 0	get it						
	SP-12 04/07/2001	3 . 2 . 0	get it						
	SP-13 05/10/2001	3 . 3 . 0	get it						

TS 32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP): Common Management Information								
R99	current version: Protocol (CMIP) solution set	3.3.0	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf	SIEMENS AG	
	freeze_meeting: SP-10	G:	U: yes	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	draft 31/10/2000	0 . 1 . 0	get it	remarks - general:	TSG#8: split into eight parts				
	SP-10 21/12/2000	3 . 0 . 0	get it	remarks - this release:	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)				
	SP-11 05/04/2001	3 . 1 . 0	get it						
	SP-12 03/07/2001	3 . 2 . 0	get it						
	SP-14 11/01/2002	3 . 3 . 0	get it						

TS 32.106-8	Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects								
R99	current version: 3.2.0	WG (prime / other):	S5 / -	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson			
	freeze_meeting: SP-07	G:	U: yes	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	SP-08: split into 23/06/2000	3 . 1 . 0	get it	remarks - general:	TSG#8: split into eight parts				
	parts			remarks - this release:	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0				
	SP-12 03/07/2001	3 . 2 . 0	get it						

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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:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-06 17/12/1999 1 . 1 . 0 [get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1
SP-07 17/03/2000 3 . 0 . 0 [get it](#)
Editorial 17/03/2000 3 . 0 . 1 [get it](#)
SP-08: split into 23/06/2000 3 . 1 . 0 [get it](#)
parts
SP-09 10/10/2000 3 . 2 . 0 [get it](#)

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

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
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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TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

R99 *current version:* 3.6.0 *WG (prime / other):* S5 / - *rporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-05	13/10/1999	1	.	0	.	0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts
SP-06	17/12/1999	1	.	1	.	0	get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1
SP-07	17/03/2000	3	.	0	.	0	get it	
Editorial	17/03/2000	3	.	0	.	1	get it	
SP-08: split into parts	23/06/2000	3	.	1	.	0	get it	
SP-09	10/10/2000	3	.	2	.	0	get it	
SP-10	20/12/2000	3	.	3	.	0	get it	
SP-11	05/04/2001	3	.	4	.	0	get it	
SP-12	04/07/2001	3	.	5	.	0	get it	
SP-14	11/01/2002	3	.	6	.	0	get it	

TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-05	13/10/1999	1	.	0	.	0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts
SP-06	17/12/1999	1	.	1	.	0	get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1
SP-07	17/03/2000	3	.	0	.	0	get it	
Editorial	17/03/2000	3	.	0	.	1	get it	
SP-08: split into parts	23/06/2000	3	.	1	.	0	get it	
editorial	06/09/2000	3	.	1	.	1	get it	
SP-14	11/01/2002	3	.	2	.	0	get it	

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Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

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Server ACTIVE specs R99 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.102 3G security; Security architecture

R99 current version: 3.13.0
freeze_meeting: SP-07

WG (prime / other): S3 / - rapporteur: BLOMMAERT, Marc SIEMENS ATEA NV
G: U: yes MCC: POPE, Maurice

history (event, available, version,
and Scope

Table of Contents	04/03/1999	0	.	0	.	1
First complete	26/03/1999	1	.	0	.	0
WG approval	26/03/1999	2	.	0	.	0
SP-03	23/04/1999	3	.	0	.	0
SP-04	23/06/1999	3	.	1	.	0
SP-05	13/10/1999	3	.	2	.	0
SP-06	17/12/1999	3	.	3	.	0
SP-07	15/03/2000	3	.	4	.	0
SP-08	23/06/2000	3	.	5	.	0
SP-09	11/10/2000	3	.	6	.	0
SP-10	22/12/2000	3	.	7	.	0
SP-11	04/04/2001	3	.	8	.	0
SP-12	04/07/2001	3	.	9	.	0
SP-14	07/01/2002	3	.	10	.	0
SP-15	26/03/2002	3	.	11	.	0
SP-16	19/06/2002	3	.	12	.	0
SP-18	18/12/2002	3	.	13	.	0

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

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,
and Scope

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:

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

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Server ACTIVE specs R99 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.105	Cryptographic Algorithm requirements					
R99	current version: 3.8.0	WG (prime / other):	S3 / -	rapporteur:	CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation
	freeze_meeting: SP-04	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-04 23/06/1999			get it	remarks - general:	
	SP-05 13/10/1999			get it	remarks - this release:	
	SP-06 17/12/1999			get it		
	SP-07 15/03/2000			get it		
	SP-08 23/06/2000			get it		
	SP-09 11/10/2000			get it		
	SP-10 22/12/2000			get it		
	SP-11 30/03/2001			get it		
	SP-12 04/07/2001			get it		
<hr/>						
TS 33.106	Lawful interception requirements					
R99	current version: 3.1.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: SP-08	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-04 23/06/1999			get it	remarks - general:	
	SP-06 17/12/1999			get it	remarks - this release: .	
<hr/>						
TS 33.107	3G security; Lawful interception architecture and functions					
R99	current version: 3.5.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: SP-06	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-04 23/06/1999			get it	remarks - general:	
	SP-10 22/12/2000			get it	remarks - this release:	
	SP-11 30/03/2001			get it		
	SP-13 03/10/2001			get it		
	SP-14 07/01/2002			get it		
	SP-15 26/03/2002			get it		

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TS 33.120	Security Objectives and Principles								
R99	<i>current version:</i> 3.0.0 <i>freeze_meeting:</i> SP-03			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim			Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i>			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	POPE, Maurice		
	Table of Contents	04/03/1999	0	.	0	.	1	get it	<i>remarks - general:</i>
	and Scope								<i>remarks - this release:</i> .
	First complete	26/03/1999	1	.	0	.	0	get it	
	WG approval	26/03/1999	2	.	0	.	0	get it	
	SP-03	23/04/1999	3	.	0	.	0	get it	
TR 33.901	Criteria for cryptographic Algorithm design process								
R99	<i>current version:</i> 3.0.0 <i>freeze_meeting:</i> SP-04			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOM, Rolf			Telefon AB LM Ericsson	
	<i>history (event, available, version,</i>			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	POPE, Maurice		
	SP-03	23/04/1999	0	.	0	.	0	get it	<i>remarks - general:</i>
	SP-04	23/06/1999	3	.	0	.	0	get it	<i>remarks - this release:</i> .
TR 33.902	Formal Analysis of the 3G Authentication Protocol								
R99	<i>current version:</i> 3.1.0 <i>freeze_meeting:</i> SP-05			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> HORN, Guenther			SIEMENS AG	
	<i>history (event, available, version,</i>			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	POPE, Maurice		
	SP-05	13/10/1999	3	.	0	.	0	get it	<i>remarks - general:</i>
	SP-06	17/12/1999	3	.	1	.	0	get it	<i>remarks - this release:</i> .
TR 33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms								
R99	<i>current version:</i> 3.0.0 <i>freeze_meeting:</i> SP-07			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael			VODAFONE Group Plc	
	<i>history (event, available, version,</i>			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	POPE, Maurice		
	SP-07	17/03/2000	3	.	0	.	0	get it	<i>remarks - general:</i> TSG#7: S3-000105=NP-000049
									<i>remarks - this release:</i> Formerly 33.904.

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Server ACTIVE specs R99 34 .- series
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TS 34.108 Common test environments for User Equipment (UE) conformance testing

R99 current version: 3.12.0
freeze_meeting: SP-08

WG (prime / other): T1 / - rapporteur: CHALABI, Nouhman ANRITSU LTD
G: U: yes MCC: SULTAN, Alain

history (event, available, version,

Start of work		0	.	0	.	1	
TP-07	15/03/2000	1	.	0	.	0	TP-000032
editorial tidy up	23/03/2000	1	.	0	.	1	
TP-08		2	.	0	.	0	
TP-08	23/06/2000	3	.	0	.	0	
Editorial	23/06/2000	3	.	0	.	1	
TP-09	06/10/2000	3	.	1	.	0	
TP-10	09/01/2001	3	.	2	.	0	
TP-11	28/03/2001	3	.	3	.	0	
TP-12	27/06/2001	3	.	4	.	0	
TP-13	08/10/2001	3	.	5	.	0	
TP-14	09/01/2002	3	.	6	.	0	
TP-15	20/03/2002	3	.	7	.	0	
edito post	TP-15	26/03/2002	3	.	7	.	1
TP-16	17/06/2002	3	.	8	.	0	
TP-17	10/09/2002	3	.	9	.	0	
TP-18	18/12/2002	3	.	10	.	0	
TP-19	24/03/2003	3	.	11	.	0	
TP-20	18/06/2003	3	.	12	.	0	

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remarks - general:

remarks - this release: TSG#8:apr1 is controversial

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TS 34.109 Terminal logical test interface; Special conformance testing functions

R99 *current version:* 3.9.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0	get it	<i>remarks - general:</i> TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.
RP-04	18/06/1999	0	.	2	.	0	get it	<i>remarks - this release:</i> TSG#9: Stable, so txfered from T1 to R2.
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	
RP-15	19/03/2002	3	.	5	.	0	get it	
RP-16	17/06/2002	3	.	6	.	0	get it	
RP-17	18/09/2002	3	.	7	.	0	get it	
RP-18	13/01/2003	3	.	8	.	0	get it	
RP-19	25/03/2003	3	.	9	.	0	get it	

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TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

R99 current version: 3.13.0

freeze_meeting: SP-07

WG (prime / other): T1 / - rapporteur: HIGUCHI, Kenji

ADVANTEST Corporation

G: U: yes MCC: SULTAN, Alain

history (event, available, version,

TP-03	23/04/1999	0	.	0	.	0
TP-04	18/06/1999	1	.	0	.	1
TP-05	08/10/1999	1	.	2	.	0
TP-06	17/12/1999	1	.	5	.	0
TP-07	15/03/2000	2	.	0	.	0
TP-07	15/03/2000	3	.	0	.	0
Editorial	15/03/2000	3	.	0	.	1
TP-08	23/06/2000	3	.	1	.	0
TP-09	05/10/2000	3	.	2	.	0
TP-10	21/12/2000	3	.	3	.	0
TP-11	28/03/2001	3	.	4	.	0
TP-12	18/06/2001	3	.	5	.	0
TP-13	03/10/2001	3	.	6	.	0
TP-14	09/01/2002	3	.	7	.	0
TP-15	20/03/2002	3	.	8	.	0
TP-16	17/06/2002	3	.	9	.	0
TP-17	05/09/2002	3	.	10	.	0
TP-18	18/12/2002	3	.	11	.	0
TP-19	24/03/2003	3	.	12	.	0
TP-20	17/06/2003	3	.	13	.	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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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

R99 current version: 3.11.0
freeze_meeting: SP-08

WG (prime / other): T1 / - rapporteur: MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG
G: U: yes MCC: SULTAN, Alain

history (event, available, version,

TP-04	18/06/1999	0	.	0	.	0
TP-05	08/10/1999	0	.	1	.	0
TP-06	17/12/1999	1	.	0	.	0
TP-07	15/03/2000	1	.	2	.	0
Editorial	15/03/2000	1	.	2	.	1
TP-08		2	.	0	.	0
TP-08	23/06/2000	3	.	0	.	0
edito	28/08/2000	3	.	0	.	1
TP-09	05/10/2000	3	.	1	.	0
TP-10	21/12/2000	3	.	2	.	0
TP-11	28/03/2001	3	.	3	.	0
TP-12	18/06/2001	3	.	4	.	0
TP-13	03/10/2001	3	.	5	.	0
TP-14	09/01/2002	3	.	6	.	0
TP-15	21/03/2002	3	.	7	.	0
TP-16	17/06/2002	3	.	8	.	0
TP-17	05/09/2002	3	.	9	.	0
TP-18	18/12/2002	3	.	10	.	0
TP-19	24/03/2003	3	.	11	.	0

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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 R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

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

R99 current version: 3.5.0 WG (prime / other): T1 / - rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-08 G: U: yes MCC: SULTAN, Alain

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](#)

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

R99 current version: 3.5.0 WG (prime / other): T1 / - rapporteur: HU, Shicheng ETSI Secretariat
freeze_meeting: SP-10 G: U: yes MCC: SULTAN, Alain

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

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

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSs)

R99	current version: 3.2.1	WG (prime / other): T1 / -	rapporteur: HU, Shicheng	ETSI Secretariat
	freeze_meeting: SP-13	G: U: yes	MCC: SULTAN, Alain	
<i>history (event, available, version,</i>				
	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	get it	TP-010124
draft 11/10/2001		1 . 0 . 5	get it	
TP-18 16/12/2002		2 . 0 . 0	get it	text = TP-020301 (see also TP-020302), ttcn = TP-020320 which will be available by 2002-12-20.
TP-18 18/12/2002		3 . 0 . 0	get it	Availability delayed pending availability of .mp file.
TP-19 09/04/2003		3 . 1 . 0	get it	
TP-20 04/07/2003		3 . 2 . 0	get it	late availability due to delay in checking by WG members
TP-20 15/07/2003		3 . 2 . 1	get it	Fixes bug in Telelogic tool output.

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

R99	current version: 3.4.0	WG (prime / other): R4 / -	rapporteur: SOERENSEN, Ole	NOKIA Corporation
	freeze_meeting: SP-07	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar	
<i>history (event, available, version,</i>				
	TP-03 23/04/1999	0 . 0 . 1	get it	remarks - general: T1->R4@TSG#10
	draft 15/07/1999	1 . 0 . 0	get it	remarks - this release:
	draft 15/08/1999	1 . 0 . 1	get it	
	draft 15/09/1999	1 . 1 . 0	get it	
TP-05 08/10/1999		1 . 2 . 0	get it	
TP-06 17/12/1999		1 . 2 . 2	get it	
draft 15/02/2000		1 . 3 . 0	get it	
SWG T1 EMC at meeting-08	28/02/2000	2 . 0 . 0	get it	
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	
RP-19 04/04/2003		3 . 4 . 0	get it	

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

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.901	Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance					
R99	current version: 3.0.0	WG (prime / other): T1 /	rapporteur: YOKOYAMA, Mitsuru	Agilent Technologies Japan, Ltd		
	freeze_meeting: SP-06	G: U: yes	MCC: SULTAN, Alain			
	history (event, available, version,					
	TP-20 17/06/2003 2 . 0 . 0	TP-030105	get it	remarks - general: 2002-09-16: 34.801 -> 34.901.		
	TP-20 17/06/2003 2 . 0 . 1	TP-030145 (clause 4 modified). Doc	get it	remarks - this release: 2002-09-26: Anticipate approval at TP-18.		
		claims to be v2.0.0				
	TP-20 18/06/2003 3 . 0 . 0		get it			
TR 34.907	Report on electrical safety requirements and regulations					
R99	current version: 3.0.0	WG (prime / other): T2 / -	rapporteur: IIMORI, Eiji	Toshiba Corporation, Digital Media Network		
	freeze_meeting: SP-05	G: U: yes	MCC: RODERMUND, Friedhelm			
	history (event, available, version,					
	TP-03 23/04/1999 1 . 0 . 0		get it	remarks - general:		
	TP-05 08/10/1999 3 . 0 . 0		get it	remarks - this release: .		
TR 34.925	Specific Absorption Rate (SAR) requirements and regulations in different regions					
R99	current version: 3.0.0	WG (prime / other): T2 / -	rapporteur: JOHNSSON, Sven	Telefon AB LM Ericsson		
	freeze_meeting: SP-04	G: U: yes	MCC: RODERMUND, Friedhelm			
	history (event, available, version,					
	TP-03 23/04/1999 1 . 0 . 0		get it	remarks - general:		
	TP-04 18/06/1999 3 . 0 . 0		get it	remarks - this release: .		

R99 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications					
R99	current version: 3.2.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc		
	freeze_meeting: SP-07	G: U: yes	MCC: POPE, Maurice			
	history (event, available, version,					
	SP-07 17/03/2000 3 . 1 . 0	SAGE only supplied PDF, so no real deliverable yet available	get it	remarks - general: ex SAGE; supplied by ETSI under licence		
	Formatting 12/07/2001 3 . 1 . 1	Sage makes source file available.	get it	remarks - this release:		
	IPR, licence text 20/08/2001 3 . 1 . 2		get it			
	SP-14 07/01/2002 3 . 2 . 0		get it			

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

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Server ACTIVE specs R99 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification					
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	get it	remarks - general:	ex SAGE; supplied by ETSI under licence	
Formatting 12/07/2001	3 . 1 . 1	Sage makes source file available.	get it	remarks - this release:		
IPR, licence text 20/08/2001	3 . 1 . 2		get it			

TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data					
R99	current version: 3.1.2			WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc
	freeze_meeting: SP-07			G: U: yes	MCC: POPE, Maurice	
history (event, available, version, SP-07 17/03/2000	3 . 1 . 0	SAGE only supplied PDF, so no real deliverable yet available	get it	remarks - general:	ex SAGE; supplied by ETSI under licence	
Formatting 16/07/2001	3 . 1 . 1	Sage makes source file available.	get it	remarks - this release:		
IPR, licence text 20/08/2001	3 . 1 . 2		get it			

TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data					
R99	current version: 3.1.2			WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc
	freeze_meeting: SP-07			G: U: yes	MCC: POPE, Maurice	
history (event, available, version, SP-07 17/03/2000	3 . 1 . 0	SAGE only supplied PDF, so no real deliverable yet available	get it	remarks - general:	ex SAGE; supplied by ETSI under licence	
Formatting 12/07/2001	3 . 1 . 1	Sage makes source file available.	get it	remarks - this release:		
IPR, licence text 20/08/2001	3 . 1 . 2		get it			

UMTS

UMTS 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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

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

TR 21.01U Requirements for the UMTS Terrestrial Radio Access (UTRA) system

UMTS *current version:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* MOULSLEY, Tim Philips Research Laboratories
freeze_meeting: G: U: *MCC:* USAI, Paolino
history (event, available, version,
draft 1 . 0 . 0 *remarks - general:* Produced by ETSI SMG2.
smg-22 13/06/1997 3 . 0 . 0 *remarks - this release:*
ETSI publication 28/11/1997 3 . 0 . 1
[get it](#)
[get it](#)

UMTS 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.03U Selection procedures for the choice of radio transmission technologies of the UMTS

UMTS *current version:* 3.2.0 *WG (prime / other):* GP / - *rapporteur:* BLANC, Patrick ALCATEL CIT
freeze_meeting: G: U: *MCC:* USAI, Paolino
history (event, available, version,
TC change control 13/06/1997 3 . 0 . 0 *remarks - general:*
smg-23 17/10/1997 3 . 1 . 0 *remarks - this release:*
smg-25 20/03/1998 3 . 2 . 0
[get it](#)
[get it](#)
[get it](#)

TR 30.06U UTRA Concept Evaluation Reports

UMTS *current version:* 3.0.0 *WG (prime / other):* GP / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: G: U: *MCC:* USAI, Paolino
history (event, available, version,
First complete 01/12/1997 1 . 0 . 0 *remarks - general:*
smg-24 15/12/1997 3 . 0 . 0 *remarks - this release:*
[get it](#)
[get it](#)

R98

R98 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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

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Server ACTIVE specs R98 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system								
R98	current version: 7.0.0	WG (prime / other):	SP / -	rapporteur:	MEREDITH, John M	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	POPE, Maurice				
	history (event, available, version,								
	SP-20 25/06/2003 7 . 0 . 0								
		get it		remarks - general:	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for				
				remarks - this release:	. backwards extension to earlier releases.				
<hr/>									
TR 01.04	Abbreviations and acronyms								
R98	current version: 7.0.0	WG (prime / other):	GP / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd			
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paulino				
	history (event, available, version,								
	smg-29 25/06/1999 7 . 0 . 0								
		get it		remarks - general:					
				remarks - this release:					
<hr/>									
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0								
R98	current version: 7.0.1	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim	Indicate persons who left Company and wait for new			
	freeze_meeting: smg-29	G: yes U:		MCC:	POPE, Maurice	One			
	history (event, available, version,								
	smg-25 20/03/1998 7 . 0 . 0								
	smg-26 26/06/1998 7 . 0 . 1								
		get it		remarks - general:					
		get it		remarks - this release:					
<hr/>									
TR 01.33	Lawful Interception requirements for GSM								
R98	current version: 7.0.0	WG (prime / other):	S3 / -	rapporteur:	MCKIBBEN, Bernie	MOTOROLA GmbH			
	freeze_meeting: smg-29	G: yes U:		MCC:	POPE, Maurice				
	history (event, available, version,								
	smg-25 20/03/1998 7 . 0 . 0								
		get it		remarks - general:					
				remarks - this release:	#25: 7.0.0 (renumbered from 10.20)				
<hr/>									
TS 01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	MESSIET, Samira	ALCATEL S.A.			
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-28 1 . 0 . 0								
	smg-29 25/06/1999 7 . 0 . 0								
		get it		remarks - general:					
				remarks - this release:					

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Server ACTIVE specs R98 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements
R98 *current version: 7.0.0* WG (prime / other): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: smg-29 G: yes U: *MCC:* POPE, Maurice
history (event, available, version,
upgrade to R98 04/10/2001 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)
R98 *current version: 7.1.0* WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*

TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)
R98 *current version: 7.0.2* WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 0 . 1 [get it](#) *remarks - this release: #28: 7.0.0*
ETSI publication 13/12/1999 7 . 0 . 2 [get it](#)

TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)
R98 *current version: 7.0.0* WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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Server ACTIVE specs R98 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.04	General on Supplementary Services					
R98	<i>current version:</i> 7.1.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-28 12/02/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-29 25/06/1999 7 . 1 . 1	get it				
	ETSI publication 28/12/1999 7 . 1 . 2	get it				
TS 02.06	Types of Mobile Stations (MS)					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 29/12/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>			
TS 02.07	Mobile Station (MS) Features					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 03/08/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>			
	SP-07 15/03/2000 7 . 1 . 0	get it				
TS 02.09	Security aspects					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 / S1 /	<i>rapporteur:</i> CHRISTOFFERSSON,	Telia Promotor AB		
	<i>freeze_meeting:</i> smg-29	NP	Per			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-31 16/02/2000 7 . 1 . 0	get it				
	ETSI publication 29/08/2000 7 . 1 . 1	get it				

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

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Server ACTIVE specs R98 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11	Service Accessibility					
R98	current version: 7.1.0	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1999 7 . 0 . 0	get it	remarks - general:			
	ETSI publication 03/08/1999 7 . 0 . 1	get it	remarks - this release:			
	SP-11 02/04/2001 7 . 1 . 0	get it				
TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R98	current version: 7.2.0	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
	smg-30 11/11/1999 7 . 1 . 0	get it	remarks - this release:			
	SP-08 23/06/2000 7 . 2 . 0	get it				
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
R98	current version: 7.1.1	WG (prime / other): T3 / S1	rapporteur: HOOKER, Philip	ORANGE PCS LTD		
	freeze_meeting: smg-29	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version,					
	smg-26 26/06/1998 7 . 0 . 0	get it	remarks - general:			
	smg-27 16/10/1998 7 . 1 . 0	get it	remarks - this release:			
	smg-29 25/06/1999 7 . 1 . 1	get it				
TS 02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1					
R98	current version: 7.1.0	WG (prime / other): T3 / -	rapporteur: DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A		
	freeze_meeting: smg-29	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version,					
	smg-27 16/10/1998 7 . 0 . 0	get it	remarks - general: SMG9->T3@#31			
	smg-29 25/06/1999 7 . 1 . 0	get it	remarks - this release:			
TS 02.22	Stage 1 for personalisation of GSM ME					
R98	current version: 7.0.0	WG (prime / other): S1 /	rapporteur: DURAND, Romain	ALCATEL S.A.		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
			remarks - this release:			

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TS 02.24	Description of Charge Advice Information (CAI)				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i>		
<hr/>					
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David		VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>		
	editorial 19/07/2002 7 . 1 . 1	get it			
<hr/>					
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-26 26/06/1998 7 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-29 25/06/1999 7 . 1 . 1	get it			
<hr/>					
TS 02.32	Immediate Service Termination (IST); Service description; Stage 1				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
	draft 26/06/1996 1 . 0 . 0	get it	<i>remarks - general:</i>		
	draft 01/03/1998 2 . 0 . 0	get it	<i>remarks - this release:</i>		
	smg-25 20/03/1998 7 . 0 . 0	get it			
	smg-26 26/06/1998 7 . 1 . 0	get it			
	smg-29 25/06/1999 7 . 1 . 1	get it			

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TS 02.33	Lawful Interception (LI); Stage 1					
R98	current version: 7.3.0	WG (prime / other): S3 /	rapporteur: MCKIBBEN, Bernie	MOTOROLA GmbH		
	freeze_meeting: smg-29	G: yes U:	MCC: POPE, Maurice			
	history (event, available, version,					
	smg-25 20/03/1998 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				
	editorial 7 . 2 . 1					
	smg-29 25/06/1999 7 . 3 . 0	get it				
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R98	current version: 7.0.0	WG (prime / other): S1 /	rapporteur: KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
			remarks - this release:			
TS 02.40	Procedures for Call Progress Indications					
R98	current version: 7.0.1	WG (prime / other): S1 / NP	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 7 . 0 . 0	get it	remarks - general:			
	edito 28/07/1999 7 . 0 . 1	get it	remarks - this release:			
TS 02.41	Operator Determined Barring					
R98	current version: 7.0.0	WG (prime / other): S1 /	rapporteur: ...,	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
			remarks - this release:			
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R98	current version: 7.0.0	WG (prime / other): S1 /	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
			remarks - this release:			

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TS 02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1					
R98	current version: 7.3.0	WG (prime / other): S1 /	rapporteur: KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 7 . 0 . 0		remarks - general:			
	smg-28 7 . 1 . 0		remarks - this release:			
	SP-05 7 . 2 . 0					
	SP-08 07/09/2000 7 . 3 . 0					
		get it				
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R98	current version: 7.0.0	WG (prime / other): T3 / S3	rapporteur: BARNES, Nigel	MOTOROLA Ltd		
	freeze_meeting: smg-29	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0		remarks - general: SMG9->T3@#31			
		get it	remarks - this release:			
TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1					
R98	current version: 7.0.1	WG (prime / other): S4 /	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: smg-29	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-25 20/03/1998 7 . 0 . 0		remarks - general: SMG11->S4 at SMG#30			
	ETSI publication 16/08/1999 7 . 0 . 1		remarks - this release:			
		get it				
		get it				
TS 02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1					
R98	current version: 7.2.1	WG (prime / other): S1 / -	rapporteur: GALLIGO, Michel	ALCATEL S.A.		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 7 . 0 . 0		remarks - general:			
	smg-28 12/02/1999 7 . 1 . 0		remarks - this release: #27: 7.0.0 #28: 7.1.0 #29: 7.2.0			
	ETSI PE 26/05/1999 7 . 1 . 1					
	smg-29 25/06/1999 7 . 2 . 0					
	ETSI publication 05/09/2000 7 . 2 . 1					
		get it				
		get it				
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TS 02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1								
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>						
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #25: 7.0.0 #29: 7.1.0						
TS 02.60	General Packet Radio Service Stage 1 Description								
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited					
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>						
	smg-28 12/02/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.2.0 TSG#5 7.3.0. Suspect TSG#5						
	smg-29 25/06/1999 7 . 2 . 0	get it	CR not approved. TSG#7: 7.4.0 TSG#8:7.5.0						
	SP-05 08/10/1999 7 . 3 . 0	get it							
	SP-07 15/03/2000 7 . 4 . 0	get it							
	SP-08 23/06/2000 7 . 5 . 0	get it							
TS 02.63	Packet Data on Signalling channels Service (PDS); Stage 1								
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
TS 02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1								
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> VACANT,						
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>						
	SP-07 15/03/2000 7 . 1 . 0	get it	<i>remarks - this release:</i> #25: 7.0.0 (5.0.0 withdrawn) TSG#7: 7.1.0						
TS 02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1								
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer					
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>						
	ETSI publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i>						

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TS 02.68	Voice Group Call Service (VGCS); Stage 1					
R98	current version: 7.0.2	WG (prime / other): S1 / -	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
	edito 25/06/1999 7 . 0 . 1	get it	remarks - this release:			
	publish EN 300 24/08/2000 7 . 0 . 2	get it				
	925					
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TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R98	current version: 7.0.2	WG (prime / other): S1 / -	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	get it	remarks - general:			
	smg-29 25/06/1999 7 . 0 . 1	get it	remarks - this release: #28: 7.0.0			
	ETSI publication 29/12/1999 7 . 0 . 2	get it				
<hr/>						
TS 02.71	Location Services (LCS); Stage 1					
R98	current version: 7.3.0	WG (prime / other): S1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-28 12/02/1999 1 . 0 . 0	get it	remarks - general:			
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - this release:			
	SP-05 08/10/1999 7 . 1 . 0	get it				
	SP-06 15/12/1999 7 . 2 . 0	get it				
	SP-11 06/04/2001 7 . 3 . 0	get it				
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TS 02.72	Call Deflection Service description; Stage 1					
R98	current version: 7.2.1	WG (prime / other): S1 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-25 20/03/1998 7 . 0 . 0	get it	remarks - general:			
	smg-27 16/10/1998 7 . 1 . 0	get it	remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0			
	smg-28 12/02/1999 7 . 2 . 0	get it				
	smg-29 25/06/1999 7 . 2 . 1	get it				

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TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)					
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): S1 / - G: yes U:	rapporteur: GRECH, Michel MCC: CLAYTON, Michael		Lucent Technologies Network Systems UK	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 SP-10 12/01/2001 7 . 1 . 0 SP-14 14/01/2002 7 . 2 . 0	get it	remarks - general: remarks - this release:			
TS 02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): S1 / - G: yes U:	rapporteur: FREY, Sophie MCC: CLAYTON, Michael		Indicate persons who left Company and wait for new One	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general: remarks - this release: #29: 7.0.0			
TS 02.81	Line Identification Supplementary Services; Stage 1					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): S1 / - G: yes U:	rapporteur: BLOMSTRAND, Ola MCC: CLAYTON, Michael		TeliaSonera AB	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general: remarks - this release: #29: 7.0.0			
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): S1 / - G: yes U:	rapporteur: EVEN, Anne MCC: CLAYTON, Michael		France Telecom	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1	get it get it	remarks - general: remarks - this release: #28: 7.0.0			
TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): S1 / - G: yes U:	rapporteur: JORGENSEN, Niels H. MCC: CLAYTON, Michael		TDC TELE DANMARK A/S	
	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 02.84	MultiParty (MPPTY) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other): S1 / -	rapporteur: POSTMANN, Erwin	SIEMENS AG		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0				get it	remarks - general: remarks - this release: #29: 7.0.0
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TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other): S1 / -	rapporteur: BLOMSTRAND, Ola	TeliaSonera AB		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0				get it	remarks - general: remarks - this release: #29: 7.0.0
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TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other): S1 / -	rapporteur: CRAWFORD, Ian	VODAFONE Group Plc		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0				get it	remarks - general: remarks - this release: #29: 7.0.0
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TS 02.87	User-to-User Signalling (UUS) Service Description; Stage 1					
R98	current version: 7.1.2	WG (prime / other): S1 / -	rapporteur: CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-25 20/03/1998 7 . 0 . 0 smg-28 12/02/1999 7 . 1 . 0 smg-29 25/06/1999 7 . 1 . 1 ETSI publication 16/12/1999 7 . 1 . 2				get it get it get it get it	remarks - general: remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1
<hr/>						
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other): S1 / -	rapporteur: CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0				get it	remarks - general: remarks - this release: #29: 7.0.0

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TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29 <i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> SLOTTE, Sverre <i>MCC:</i> CLAYTON, Michael		NOKIA Corporation	
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 02.91	Explicit Call Transfer (ECT)					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29 <i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> POSTMANN, Erwin <i>MCC:</i> CLAYTON, Michael		SIEMENS AG	
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0			
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TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29 <i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael		EMCOM Ltd	
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29 <i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael		EMCOM Ltd	
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0			
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TS 02.96	Name Identification Supplementary Services; Stage 1					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29 <i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> GARAPATY, Sonia <i>MCC:</i> CLAYTON, Michael		Nortel Networks (USA)	
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0			

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TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1

R98 *current version:* 7.1.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0

R98 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R98 *current version:* 7.0.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
remarks - this release: #29:7.0.0

TS 03.02 Network Architecture

R98 *current version:* 7.1.0 *WG (prime / other):* S2 / NP / *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: smg-29 T2 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
SP-06 17/12/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #29: 7.0.0 S#6: 7.1.0

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

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Server ACTIVE specs R98 03 .- series
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TS 03.03 Numbering, Addressing and Identification

R98 *current version: 7.7.0* WG (prime / other): N4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 08/10/1999 7 . 2 . 0 [get it](#)
NP-06 15/12/1999 7 . 3 . 0 [get it](#)
edito 11/02/2000 7 . 3 . 1 [get it](#)
NP-07 15/03/1999 7 . 4 . 0 [get it](#)
NP-08 17/03/2000 7 . 5 . 0 [get it](#)
NP-12 27/06/2001 7 . 6 . 0 [get it](#)
NP-16 26/06/2002 7 . 7 . 0 [get it](#) SA did not approve companion CRs to 02.16.

TR 03.05 Technical performance objectives

R98 *current version: 7.0.0* WG (prime / other): NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-29 G: yes U: *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.07 Restoration Procedures

R98 *current version: 7.1.0* WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
NP-06 15/12/1999 7 . 1 . 0 [get it](#) *remarks - this release:*

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

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08	Organization of Subscriber Data					
R98	current version: 7.5.0	WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG		
	freeze_meeting: smg-29	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	get it	remarks - general:			
	smg-29 25/06/1999 7 . 1 . 0	get it	remarks - this release:			
	NP-06 17/12/1999 7 . 2 . 0	get it				
	NP-07 15/03/2000 7 . 3 . 0	get it				
	NP-09 31/10/2000 7 . 4 . 0	get it				
	NP-20 27/06/2003 7 . 5 . 0	get it				
<hr/>						
TS 03.09	Handover Procedures					
R98	current version: 7.0.0	WG (prime / other): N1 / -	rapporteur: FARHOUMAND,	Ericsson Incorporated		
	freeze_meeting: smg-29	G: yes U:	Rouzbeh			
	history (event, available, version,		MCC: JORGENSEN, Per Johan			
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
			remarks - this release: #29: 7.0.0			
<hr/>						
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R98	current version: 7.0.1	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	freeze_meeting: smg-29	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version,					
	smg-27 16/10/1998 7 . 0 . 0	get it	remarks - general:			
	smg-29 26/06/1999 7 . 0 . 1	get it	remarks - this release:			
<hr/>						
TS 03.11	Technical Realization of Supplementary Services - General Aspects					
R98	current version: 7.0.1	WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-29	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	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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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12	Location Registration Procedures				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #29: 7.0.0</i>		
<hr/>					
TS 03.13	Discontinuous Reception (DRX) in the GSM System				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #29: 7.0.0</i>		
<hr/>					
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	edito 10/08/1999 7 . 0 . 1	get it	<i>remarks - this release: #28: 7.0.0</i>		
<hr/>					
TS 03.15	Technical Realization of Operator Determined Barring				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> Chalmers KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #29: 7.0.0</i>		

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TS 03.16	Subscriber Data Management				
R98	current version: 7.6.0 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0 NP-06 15/12/1999 7 . 2 . 0 NP-07 15/03/2000 7 . 3 . 0 NP-09 31/10/2000 7 . 4 . 0 NP-11 02/04/2001 7 . 5 . 0 NP-17 17/09/2002 7 . 6 . 0	get it get it get it get it get it get it	remarks - general: remarks - this release:		
<hr/>					
TS 03.18	Basic Call Handling				
R98	current version: 7.4.0 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: PARK, Ian David Chalmers MCC: KYMALAINEN, Kimmo	VODAFONE LTD	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0 NP-05 08/10/1999 7 . 2 . 0 NP-07 15/03/2000 7 . 3 . 0 NP-09 31/10/2000 7 . 4 . 0	get it get it get it get it get it	remarks - general: remarks - this release:		
<hr/>					
TS 03.19	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card				
R98	current version: 7.5.0 freeze_meeting: smg-29	WG (prime / other): T3 / - G: yes U:	rapporteur: DIETRICH, Christian MCC: DIETZE, Claus	SchlumbergerSema - Schlumberger Systèmes S.A	
	history (event, available, version, smg-28 12/02/1999 1 . 0 . 0 smg-29 25/06/1999 7 . 0 . 0 smg-31 16/02/2000 7 . 1 . 0 TP-08 23/06/2000 7 . 2 . 0 TP-08 28/09/2000 7 . 3 . 0 TP-10 07/03/2001 7 . 4 . 0 TP-11 27/07/2001 7 . 5 . 0	get it get it get it get it get it get it	remarks - general: SMG9->T3@#31 remarks - this release:		

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TS 03.20	Security-related Network Functions						
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): S3 / NP / GP	rapporteur: NGUYEN NGOC, Sebastien MCC: POPE, Maurice	France Telecom			
	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	G: yes U:	get it get it get it	remarks - general: remarks - this release: #32:7.3.0? - status of CRs unclear.			
	CR at smg-32 would have created 7.3.0, but unclear whether or not						
<hr/>							
TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode						
R98	current version: 7.4.0 freeze_meeting: smg-29	WG (prime / other): G1 / N1	rapporteur: ANDERSEN, Niels Peter Skov MCC: USAI, Paolino	MOTOROLA A/S			
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0 smg-30 11/11/1999 7 . 2 . 0 SP-06 15/12/1999 7 . 3 . 0 SP-11 11/04/2001 7 . 4 . 0	G: yes U:	get it get it get it get it get it	remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and remarks - this release: group receive mode".			
<hr/>							
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator						
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels Peter Skov MCC: USAI, Paolino	MOTOROLA A/S			
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	get it	remarks - general: remarks - this release:			
<hr/>							
TR 03.30	Radio Network Planning Aspects						
R98	current version: 7.1.0 freeze_meeting: smg-29	WG (prime / other): GP / -	rapporteur: TEGTH, Ulf MCC: USAI, Paolino	TeliaSonera AB			
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 smg-31 16/02/2000 7 . 1 . 0	G: yes U:	get it get it	remarks - general: remarks - this release: #29: 7.0.0 #31:7.1.0			

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TS 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>history (event, available, version,</i> smg-26 26/06/1998 7 . 0 . 0	G: yes U:	<i>MCC:</i> POPE, Maurice			
		get it	<i>remarks - general:</i> 2001-09-03: S3 secretary reports that this spec is not mature enough for official <i>remarks - this release:</i> publication. Work continues in 43.031. SP-18: in fact, in 23.031.			
<hr/>						
TS 03.32	Universal Geographical Area Description (GAD)					
R98	<i>current version:</i> 7.2.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0 SP-08 23/06/2000 7 . 1 . 0 SP-18 09/01/2003 7 . 2 . 0	G: yes U:	<i>MCC:</i> YOON, Sang-Ui			
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i>			
		get it				
<hr/>						
TS 03.33	Lawful Interception; Stage 2					
R98	<i>current version:</i> 7.2.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>history (event, available, version,</i> smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0 SP-10 21/12/2000 7 . 2 . 0	G: yes U:	<i>MCC:</i> POPE, Maurice			
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i> #27: for info #28: 7.0.0 #29: 7.1.0 TSG#10:7.2.0			
		get it				
<hr/>						
TS 03.34	High Speed Circuit Switched Data (HSCSD); Stage 2					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 03.35	Immediate Service Termination (IST); Stage 2					
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>history (event, available, version,</i> smg-27 16/10/1998 7 . 0 . 0 ETSI publication 30/10/2001 7 . 0 . 1	G: yes U:	<i>MCC:</i> POPE, Maurice			
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i>			

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TS 03.38 Alphabets and language-specific information

R98 *current version: 7.2.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0*
smg-29 25/06/1999 7 . 2 . 0 [get it](#)

TS 03.40 Technical realization of the Short Message Service (SMS)

R98 *current version: 7.5.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-27 16/10/1998 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 25/06/1999 7 . 2 . 0 [get it](#)
TP-05 08/10/1999 7 . 3 . 0 [get it](#)
TP-06 15/12/1999 7 . 4 . 0 [get it](#)
TP-14 11/01/2002 7 . 5 . 0 [get it](#)

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMS-BC)

R98 *current version: 7.4.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
TP-06 15/12/1999 7 . 2 . 0 [get it](#)
TP-07 15/03/2000 7 . 3 . 0 [get it](#)
TP-09 19/10/2000 7 . 4 . 0 [get it](#)

TS 03.42 SMS Compression

R98 *current version: 7.1.1* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 25/06/1999 7 . 1 . 1 [get it](#)

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TR 03.43	Support of Videotex								
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.				
	<i>freeze_meeting:</i> SP-08		G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm					
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0				
<hr/>									
TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH				
	<i>freeze_meeting:</i> SP-08		G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm					
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i>				
<hr/>									
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
R98	<i>current version:</i> 7.0.1		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat				
	<i>freeze_meeting:</i> smg-29		G: yes U:	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI publication 12/01/2000 7 . 0 . 1			get it	<i>remarks - this release:</i>				
<hr/>									
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat				
	<i>freeze_meeting:</i> smg-29		G: yes U:	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i>				
<hr/>									
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)								
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH				
	<i>freeze_meeting:</i> SP-08		G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm					
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i>				

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TS 03.48	Security mechanisms for SIM application toolkit; Stage 2				
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): T3 / - G: yes U:	rapporteur: BARNES, Nigel MCC: DIETZE, Claus		MOTOROLA Ltd
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1		get it remarks - general: SMG9->T3@#31 get it remarks - this release:		
<hr/>					
TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)				
R98	current version: 7.0.0 freeze_meeting: SP-08	WG (prime / other): T2 / - G: yes U:	rapporteur: RODERMUND, Friedhelm MCC: RODERMUND, Friedhelm		Vodafone D2 GmbH
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0		get it remarks - general: remarks - this release:		
<hr/>					
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
R98	current version: 7.1.1 freeze_meeting: smg-29	WG (prime / other): S4 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1 smg-32 20/06/2000 7 . 1 . 0 ETSI publication 28/11/2000 7 . 1 . 1		get it remarks - general: get it remarks - this release: #29: 7.0.0 #32:7.1.0 get it get it		
<hr/>					
TS 03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2				
R98	current version: 7.1.1 freeze_meeting: smg-29	WG (prime / other): G1 / - G: yes U:	rapporteur: GIRAUD, Alexis MCC: USAI, Paolino		ALCATEL S.A.
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 ETSI PE 26/05/1999 7 . 0 . 1 smg-29 25/06/1999 7 . 1 . 0 ETSI publication 05/09/2000 7 . 1 . 1		get it remarks - general: get it remarks - this release: #28: 7.0.0 #29: 7.1.0 get it get it		

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Server ACTIVE specs R98 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2								
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): S4 / NP / S2	rapporteur: FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)					
	history (event, available, version, smg-25 20/03/1998 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1	G: yes U:	MCC: USAI, Paolino						
		get it	remarks - general: Mar00: prime responsibility txfrd to SMG11						
		get it	remarks - this release: #25: 7.0.0						
<hr/>									
TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2								
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat					
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: BOSWARTHICK, David						
		get it	remarks - general:						
			remarks - this release: #29: 7.0.0						
<hr/>									
TS 03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2								
R98	current version: 7.1.1 freeze_meeting: smg-29	WG (prime / other): S2 / -	rapporteur: ROBERTS, Martin	Nortel					
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 ETSI PE 26/05/1999 7 . 0 . 1 smg-29 25/06/1999 7 . 1 . 0 ETSI publication 05/09/2000 7 . 1 . 1	G: yes U:	MCC: YOON, Sang-Ui						
		get it	remarks - general:						
		get it	remarks - this release: #27: for info #28: 7.0.0 #29: 7.1.0						
		get it							
		get it							
<hr/>									
TS 03.57	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2								
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): T2 / -	rapporteur: BRENK, Lars	TTPCom Ltd					
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 TP-06 15/12/1999 7 . 1 . 0 TP-07 15/03/2000 7 . 2 . 0	G: yes U:	MCC: RODERMUND, Friedhelm						
		get it	remarks - general:						
		get it	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						
		get it							
<hr/>									
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)								
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): S4 / -	rapporteur: MONFORT, Jean-Yves	France Telecom					
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: USAI, Paolino						
		get it	remarks - general:						
			remarks - this release: #29: 7.0.0						

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

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Server ACTIVE specs R98 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R98 *current version:* 7.9.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version,
smg-28 12/02/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
ETSI publication 20/01/2000 7 . 1 . 1 [get it](#)
SP-05 08/10/1999 7 . 2 . 0 [get it](#)
SP-06 15/12/1999 7 . 3 . 0 [get it](#)
ETSI publication 07/07/2000 7 . 3 . 1 [get it](#)
SP-07 15/03/2000 7 . 4 . 0 [get it](#)
ETSI publication 22/09/2000 7 . 4 . 1 [get it](#)
SP-09 01/02/2001 7 . 5 . 0 [get it](#)
SP-11 19/04/2001 7 . 6 . 0 [get it](#)
SP-12 29/06/2001 7 . 7 . 0 [get it](#)
SP-14 08/01/2002 7 . 8 . 0 [get it](#)
edito 7 . 8 . 1
SP-17 02/10/2002 7 . 9 . 0 [get it](#)

TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-31 16/02/2000 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R98 *current version:* 7.1.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:*

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TS 03.66	Support of GSM Mobile Number Portability (MNP); Stage 2				
R98	current version: 7.3.1 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: LOPEZ SORIA, Luis MCC: KYMALAINEN, Kimmo	Telefon AB LM Ericsson	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0	get it	remarks - general: 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 NP-07 15/03/2000 7 . 3 . 0 ETSI publication 10/10/2000 7 . 3 . 1	get it get it get it			
<hr/>					
TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2				
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: SCHMITT, Peter MCC: KYMALAINEN, Kimmo	SIEMENS AG	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 NP-07 17/03/2000 7 . 1 . 0 NP-10 21/12/2000 7 . 2 . 0	get it get it get it	remarks - general: remarks - this release:		
<hr/>					
TS 03.68	Voice Group Call Service (VGCS); Stage 2				
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): N1 / - G: yes U:	rapporteur: GARAPATY, Sonia MCC: JORGENSEN, Per Johan	Nortel Networks (USA)	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 NP-07 15/12/1999 7 . 1 . 0 NP-09 12/10/2000 7 . 2 . 0	get it get it get it	remarks - general: remarks - this release: #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0		
<hr/>					
TS 03.69	Voice Broadcast service (VBS); Stage 2				
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): N1 / - G: yes U:	rapporteur: MÜNNING, Dirk MCC: JORGENSEN, Per Johan	DETECON GMBH	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 NP-07 15/03/2000 7 . 1 . 0 NP-09 12/10/2000 7 . 2 . 0	get it get it get it	remarks - general: remarks - this release: #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0		

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TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R98 *current version:* 7.0.0
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:* N3: "no R99 needed".
remarks - this release: #29: 7.0.0

TS 03.71 Location Services (LCS); Functional description; Stage 2

R98 *current version:* 7.10.0
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 1 . 0 . 0
smg-29 25/06/1999 7 . 0 . 0
SA2-06 30/07/1999 7 . 2 . 0
edito 29/12/1999 7 . 2 . 1
smg-31 16/02/2000 7 . 3 . 0
smg-31b 17/04/2000 7 . 4 . 0
SP-11 11/04/2001 7 . 5 . 0
SP-12 29/06/2001 7 . 6 . 0
SP-13 15/10/2001 7 . 7 . 0
SP-14 07/01/2002 7 . 8 . 0
SP-15 02/04/2002 7 . 9 . 0
SP-16 17/06/2002 7 . 10 . 0

WG (prime / other): S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
G: yes U: *MCC:* YOON, Sang-Ui

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

TS 03.72 Call Deflection stage 2

R98 *current version:* 7.1.0
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 0 . 1
NP-05 08/10/1999 7 . 1 . 0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #28: 7.0.0 TSG#5 7.1.0
[get it](#)

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Server ACTIVE specs R98 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R98 *current version:* 7.2.0 *freeze_meeting:* smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 0
smg-30 11/11/1999 7 . 2 . 0

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

[get it](#) *remarks - general:* 2001-10-11: S2->N4 to align with ownership of 23.073.
[get it](#) *remarks - this release:* #27: for info
[get it](#)

TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R98 *current version:* 7.8.1 *freeze_meeting:* smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
ETSI publication 16/08/1999 7 . 0 . 1
smg-29 25/06/1999 7 . 1 . 0
NP-05 13/10/1999 7 . 2 . 0
NP-07 17/03/2000 7 . 3 . 0
NP-08 23/06/2000 7 . 4 . 0
NP-10 04/01/2001 7 . 5 . 0
NP-12 02/07/2001 7 . 6 . 0
visible figures 04/07/2001 7 . 6 . 1
NP-14 04/01/2002 7 . 7 . 0
NP-16 17/06/2002 7 . 8 . 0
Editorial correction 21/08/2002 7 . 8 . 1
to SDLs

WG (prime / other): N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
G: yes U: *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R98 *current version:* 7.3.0 *freeze_meeting:* smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 0
NP-05 08/10/1999 7 . 2 . 0
NP-07 15/03/2000 7 . 3 . 0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#7: 7.3.0
[get it](#)
[get it](#)

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81	Line Identification Supplementary Services; Stage 2				
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	TeliaSonera AB	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1	get it	remarks - general: remarks - this release: #28: 7.0.0		
<hr/>					
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	TeliaSonera AB	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general: remarks - this release: #29: 7.0.0		
<hr/>					
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: SHARP, Iain MCC: KYMALAINEN, Kimmo	NORTEL NETWORKS (EUROPE)	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general: remarks - this release: #29: 7.0.0		
<hr/>					
TS 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: HABERMANN, Steffen MCC: KYMALAINEN, Kimmo	T-MOBILE DEUTSCHLAND	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general: remarks - this release: #29: 7.0.0		
<hr/>					
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general: remarks - this release:		

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2				
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1	get it	remarks - general: remarks - this release: #29: 7.0.0		
<hr/>					
TS 03.87	User-to-user signalling (UUS); Stage 2				
R98	current version: 7.0.2 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1 ETSI publication 17/12/1999 7 . 0 . 2	get it	remarks - general: remarks - this release: #28: 7.0.0		
<hr/>					
TS 03.88	Call Barring (CB) supplementary services; Stage 2				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general: remarks - this release: #29: 7.0.0		
<hr/>					
TS 03.90	Unstructured Supplementary Service Data (USSD)				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: CHOTAI, Sunil MCC: KYMALAINEN, Kimmo	mmO2 plc	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general: remarks - this release: #29: 7.0.0		
<hr/>					
TS 03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	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 03.93 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.96 Name Identification Supplementary Services; Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.97 Multiple subscriber Profile (MSP); Stage 2

R98 *current version:* 7.2.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
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

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

R98 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R98 *current version:* 7.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 *G: yes U:* *MCC:* Peter Skov
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 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan			
		get it	remarks - general: remarks - this release: #29: 7.0.0			
<hr/>						
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
<hr/>						
TS 04.04	Layer 1 - General Requirements					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken THOMASEN, Gert	SIEMENS AG		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
<hr/>						
TS 04.05	Data Link (DL) Layer General Aspects					
R98	current version: 7.1.2 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1 smg-31 16/02/2000 7 . 1 . 0 Editorial correction 16/03/2000 7 . 1 . 1 ETSI publication 22/09/2000 7 . 1 . 2	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
		get it				
		get it				
		get it				
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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R98 *current version: 7.2.1* *WG (prime / other): G2 / -* *rapporteur: ANDERSEN, Niels* MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC: THOMASEN, Gert*

history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 14/12/1999 7 . 0 . 1 [get it](#) *remarks - this release:*
smg-31 16/02/2000 7 . 1 . 0 [get it](#)
Editorial correction 16/02/2000 7 . 1 . 1 [get it](#)
ETSI publication 29/09/2000 7 . 1 . 2 [get it](#)
GP-03 31/01/2001 7 . 2 . 0 [get it](#)
edito 31/01/2001 7 . 2 . 1 [get it](#)

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R98 *current version: 7.3.0* *WG (prime / other): N1 / -* *rapporteur: HOWELL, Andrew* MOTOROLA Ltd
freeze_meeting: smg-29 G: yes U: *MCC: JORGENSEN, Per Johan*

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 08/10/1999 7 . 2 . 0 [get it](#)
NP-06 15/12/1999 7 . 3 . 0 [get it](#)

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

R98 current version: 7.20.1
freeze_meeting: smg-29

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

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-30b	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-31b	17/04/2000	7	.	7	.	0	
smg-32	28/06/2000	7	.	8	.	0	
GP-01/NP-09	12/10/2000	7	.	9	.	0	
edito	02/11/2000	7	.	9	.	1	
NP-10	02/01/2001	7	.	10	.	0	
GP-04	11/04/2001	7	.	11	.	0	
GP-05	18/06/2001	7	.	12	.	0	
NP-12	13/07/2001	7	.	13	.	0	
GP-06	14/09/2001	7	.	14	.	0	
GP-07	04/01/2002	7	.	15	.	0	
NP-14	07/01/2002	7	.	16	.	0	
GP-08	19/02/2002	7	.	17	.	0	
NP-17	17/09/2002	7	.	18	.	0	
NP-18	18/12/2002	7	.	19	.	0	
correction to	25/04/2003	7	.	19	.	1	
history box							
GP-15	10/07/2003	7	.	20	.	0	
edirial	12/09/2003	7	.	20	.	1	

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remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert
remarks - this release: Thomasen (even numbered CRs!)

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

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TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects					
R98	current version: 7.1.0 freeze_meeting: smg-29	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels Peter Skov KYMALAINEN, Kimmo	MOTOROLA A/S		
		G: yes U:	MCC:			
history (event, available, version,						
smg-28 12/02/1999 7 . 0 . 0		get it	remarks - general:			
smg-29 25/06/1999 7 . 0 . 1		get it	remarks - this release:			
NP-14 10/01/2002 7 . 1 . 0		get it				

TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface					
R98	current version: 7.1.0 freeze_meeting: smg-29	WG (prime / other): N1 / -	rapporteur: NOBUYUKI, Uda JORGENSEN, Per Johan	NTT COMWARE Corporation		
		G: yes U:	MCC:			
history (event, available, version,						
smg-29 25/06/1999 7 . 0 . 0		get it	remarks - general:			
NP-09 12/10/2000 7 . 1 . 0		get it	remarks - this release:			

TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface					
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): G2 / T2	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
		G: yes U:	MCC:			
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			

TS 04.13	Performance Requirements on Mobile Radio Interface					
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): N1 / -	rapporteur: PUDNEY, Chris JORGENSEN, Per Johan	VODAFONE Group Plc		
		G: yes U:	MCC:			
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			

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

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Server ACTIVE specs R98 04 .- series
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TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R98	current version: 7.3.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: smg-29	G: yes U:		MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-29 25/06/1999	7 . 0 . 0	get it	remarks - general:					
	smg-30 11/11/1999	7 . 1 . 0	get it	remarks - this release:					
	smg-32 20/06/2000	7 . 2 . 0	get it						
	GP-10 19/07/2002	7 . 3 . 0	get it						
<hr/>									
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: smg-29	G: yes U:		MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-27 16/10/1998	7 . 0 . 0	get it	remarks - general:					
	edito 23/11/1998	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						
<hr/>									
TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
R98	current version: Switching Centre (BSS - MSC) interface	7.1.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-29		G: yes U:		MCC:	BOSWARTHICK, David			
	history (event, available, version,								
	smg-28 12/02/1999	7 . 0 . 0	get it	remarks - general:					
	ETSI publication 31/08/1999	7 . 0 . 1	get it	remarks - this release:					
	NP-06 15/12/1999	7 . 1 . 0	get it						
<hr/>									
TS 04.30	Location Services (LCS); Supplementary service operations; Stage 3								
R98	current version: 7.3.0	WG (prime / other):	N4 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-30b 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:	and the now-closed SS. TSG#7: txfrd to 3GPP for R99. 2001-12-13: G2->N4.				
	SP-08 21/06/2000	7 . 2 . 0	get it						
	NP-14 10/01/2002	7 . 3 . 0	get it						

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

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TS 04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
R98	current version: 7.12.0	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-29	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-30	1 . 0 . 0			remarks - general:
	smg-30b 06/12/1999	7 . 0 . 1	get it		remarks - this release:
	smg-31 16/02/2000	7 . 1 . 0	get it		
	smg-31b 17/04/2000	7 . 2 . 0	get it		
	GP-02 30/11/2000	7 . 3 . 0	get it		
	GP-03 31/01/2001	7 . 4 . 0	get it		
	edito 31/01/2001	7 . 4 . 1	get it		
	GP-04 04/05/2001	7 . 5 . 0	get it		
	GP-05 18/06/2001	7 . 6 . 0	get it		
	GP-06 14/09/2001	7 . 7 . 0	get it		
	GP-07 08/01/2002	7 . 8 . 0	get it		
	GP-08 19/02/2002	7 . 9 . 0	get it		
	GP-09 02/05/2002	7 . 10 . 0	get it		
	GP-10 19/07/2002	7 . 11 . 0	get it		
	GP-16 12/09/2003	7 . 12 . 0	get it		

TS 04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods				
R98	current version: 7.4.0	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-29	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-30b 06/12/1999	7 . 0 . 1	get it		remarks - general:
	smg-31b 17/04/2000	7 . 1 . 0	get it		remarks - this release:
	GP-01 11/10/2000	7 . 2 . 0	get it		
	GP-03 31/01/2001	7 . 3 . 0	get it		
	GP-07 08/01/2002	7 . 4 . 0	get it		

TS 04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification				
R98	current version: 7.1.1	WG (prime / other): N1 / -	rapporteur: HUPPERICH, Peter	ALCATEL S.A.	
	freeze_meeting: smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-28 12/02/1999	7 . 0 . 0	get it		remarks - general:
	ETSI PE 25/05/1999	7 . 0 . 1	get it		remarks - this release: #28: 7.0.0 #29: 7.1.0
	smg-29 25/06/1999	7 . 1 . 0	get it		
	ETSI publication 05/09/2000	7 . 1 . 1	get it		

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

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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 S.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI PE 26/05/1999 7 . 0 . 1 [get it](#) *remarks - this release: #28: 7.0.0*
ETSI Vote 22/05/2000 7 . 0 . 2 [get it](#)
ETSI publication 05/09/2000 7 . 0 . 3 [get it](#)

TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

R98 *current version:* 7.10.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: smg-29 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-30b 06/12/1999 7 . 2 . 0 [get it](#)
smg-31 16/02/2000 7 . 3 . 0 [get it](#)
smg-32 28/06/2000 7 . 5 . 0 [get it](#)
GP-01 11/10/2000 7 . 6 . 0 [get it](#)
GP-02 27/11/2000 7 . 7 . 0 [get it](#)
GP-03 31/01/2001 7 . 8 . 0 [get it](#)
GP-04 04/05/2001 7 . 9 . 0 [get it](#)
GP-10 19/07/2002 7 . 10 . 0 [get it](#)

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R98 *current version:* 7.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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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								
R98	current version: 7.5.0	WG (prime / other):	N1 / -	rapporteur:	DOIG, Ian	MOTOROLA S.A.S			
	freeze_meeting: smg-29	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	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:				
	SP-06 15/12/1999	7 . 2 . 0		get it					
	smg-31 16/02/2000	7 . 3 . 0		get it					
	NP-10 02/01/2001	7 . 4 . 0		get it					
	NP-14 04/01/2002	7 . 5 . 0		get it					

TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)								
R98	current version: 7.3.0	WG (prime / other):	N1 / -	rapporteur:	DOIG, Ian	MOTOROLA S.A.S			
	freeze_meeting: smg-29	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-29 25/06/1999	7 . 0 . 0		get it	remarks - general:	24.065 existed, but scrapped since 04.65 is GSM only.			
	smg-30 11/11/1999	7 . 1 . 0		get it	remarks - this release:				
	post SP-06 15/12/1999	7 . 2 . 0		get it					
	smg-31 16/02/2000	7 . 3 . 0		get it					

TS 04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3								
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG			
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-29 25/06/1999	7 . 0 . 0		get it	remarks - general:				
	ETSI publication 12/01/2000	7 . 0 . 1		get it	remarks - this release: #29: 7.0.0				

TS 04.68	Group Call Control (GCC) Protocol								
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: smg-29	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-29 25/06/1999	7 . 0 . 0		get it	remarks - general:				
	smg-30 11/11/1999	7 . 1 . 0		get it	remarks - this release:				
	NP-07 15/03/2000	7 . 2 . 0		get it					

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

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TS 04.69	Broadcast Call Control (BCC) protocol					
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-29	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-29 25/06/1999			get it	remarks - general:	
	smg-30 11/11/1999			get it	remarks - this release:	
	NP-07 15/03/2000			get it		
<hr/>						
TS 04.71	Location Services (LCS); Mobile radio interface layer 3 specification					
R98	current version: 7.5.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-29	G: yes	U:	MCC:	Peter Skov THOMASEN, Gert	
	history (event, available, version,					
	smg-28 12/02/1999			get it	remarks - general:	Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.
	smg-29 25/06/1999			get it	remarks - this release:	
	smg-30b 15/12/1999			get it		
	smg-32 28/06/2000			get it		
	GP-05 18/06/2001			get it		
	GP-07 08/01/2002			get it		
	GP-10 22/07/2002			get it		
<hr/>						
TS 04.72	Call Deflection (CD) Supplementary Service; Stage 3					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999			get it	remarks - general:	
	ETSI publication 30/10/2001			get it	remarks - this release:	#27: for info #28: 7.0.0
<hr/>						
TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding					
R98	current version: 7.4.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999			get it	remarks - general:	
	NP-06 15/12/1999			get it	remarks - this release:	
	NP-07 15/03/2000			get it		
	NP-08 21/06/2000			get it		
	NP-09 28/09/2000			get it		

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

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TS 04.81 Line Identification Supplementary Services; Stage 3

R98 *current version: 7.0.1* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
Publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release: #29: 7.0.0*

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R98 *current version: 7.0.2* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
<to be defined> 14/12/1999 7 . 0 . 2 [get it](#) *remarks - this release: #28: 7.0.0*

TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R98 *current version: 7.0.1* WG (prime / other): N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
Publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release: #29: 7.0.0*

TS 04.84 Multi Party (MPPTY) Supplementary Services; Stage 3

R98 *current version: 7.0.1* WG (prime / other): N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release: #29: 7.0.0*

TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R98 *current version: 7.0.0* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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

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TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R98 current version: 7.0.1
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
ETSI Publication 12/01/2000 7 . 0 . 1

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

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[get it](#) remarks - general:
[get it](#) remarks - this release: #29: 7.0.0

TS 04.87 User-to-User Signalling (UUS) Supplementary Service; Stage 3

R98 current version: 7.0.2
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
ETSI Publication 16/12/1999 7 . 0 . 2

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

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[get it](#) remarks - this release: #28: 7.0.0

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

R98 current version: 7.0.0
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

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

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[get it](#) remarks - general:
remarks - this release: #29: 7.0.0

TS 04.90 Unstructured Supplementary Service Data (USSD)

R98 current version: 7.0.1
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
ETSI Publication 12/01/2000 7 . 0 . 1

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

TeliaSonera AB

[get it](#) remarks - general:
[get it](#) remarks - this release: #29: 7.0.0

TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R98 current version: 7.0.1
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
ETSI Publication 12/01/2000 7 . 0 . 1

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

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[get it](#) remarks - this release: #29: 7.0.0

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R98 *current version:* 7.0.0
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

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

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[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 04.96 Name Identification Supplementary Services; Stage 3

R98 *current version:* 7.0.0
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

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

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[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

R98 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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

R98 *current version:* 7.2.0
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-30 11/11/1999 7 . 1 . 0
GP-07 04/01/2002 7 . 2 . 0

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

NOKIA MOBILE PHONES

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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Server ACTIVE specs R98 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R98	<i>current version:</i> 7.7.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino	
<i>history (event, available, version,</i>					
	smg-28 12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-29 25/06/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>	
	smg-30 11/11/1999	7 . 2 . 0	get it		
	smg-30b 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-31b 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		

TS 05.03 Channel coding

R98	<i>current version:</i> 7.3.1		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino	
<i>history (event, available, version,</i>					
	smg-28 12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-29 25/06/1999	7 . 1 . 0	get it	<i>remarks - this release:</i> #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		

TS 05.04 Modulation

R98	<i>current version:</i> 7.3.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino	
<i>history (event, available, version,</i>					
	smg-29 25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i>	
ETSI publication	20/06/2000	7 . 0 . 1	get it	<i>remarks - this release:</i>	
	smg-30b 06/12/1999	7 . 1 . 0	get it		
ETSI publication	20/06/2000	7 . 1 . 1	get it		
	GP-03 15/02/2001	7 . 2 . 0	get it		
	GP-05 29/06/2001	7 . 3 . 0	get it		

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http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

R98 current version: 7.9.0
freeze_meeting: smg-29

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

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 0
ETSI publication 14/12/1999 7 . 1 . 1
smg-30 11/11/1999 7 . 2 . 0
smg-31 16/02/2000 7 . 3 . 0
ETSI publication 15/10/2000 7 . 3 . 1
smg-31b 17/04/2000 7 . 4 . 0
ETSI publication 27/10/2000 7 . 4 . 1
GP-01 10/10/2000 7 . 5 . 0
GP-06 01/10/2001 7 . 6 . 0
GP-09 06/05/2002 7 . 7 . 0
GP-10 19/07/2002 7 . 8 . 0
GP-11 19/09/2002 7 . 9 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 05.08 Radio Subsystem Link Control

R98 current version: 7.7.0
freeze_meeting: smg-29

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer VODAFONE Group Plc
G: yes U: MCC: USAI, Paolino

history (event, available, version,
smg-25 7 . 0 . 0
smg-29 7 . 1 . 0
smg-30 7 . 2 . 0
smg-30b 7 . 3 . 0
ETSI publication 7 . 3 . 1
smg-31b 17/04/2000 7 . 4 . 0
ETSI publication 7 . 4 . 1
GP-01 10/10/2000 7 . 5 . 0
GP-02 24/11/2000 7 . 6 . 0
edito 30/11/2000 7 . 6 . 1
GP-06 01/10/2001 7 . 7 . 0

remarks - general:
remarks - this release:
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Server ACTIVE specs R98 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.09	Link adaptation					
R98	current version: 7.7.0 freeze_meeting: smg-29	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino			
	smg-28 12/02/1999 7 . 0 . 0	get it	remarks - general:			
	smg-29 24/06/1999 7 . 0 . 1	get it	remarks - this release:			
	ETSI publication 16/12/1999 7 . 0 . 2	get it				
	smg-30 11/11/1999 7 . 1 . 0	get it				
	smg-31 16/02/1999 7 . 2 . 0	get it				
	ETSI publication 05/10/2000 7 . 2 . 1	get it				
	smg-32 28/06/2000 7 . 3 . 0	get it				
	GP-02 01/09/2000 7 . 4 . 0	get it				
	GP-03 15/02/2001 7 . 5 . 0	get it				
	remove revision 31/07/2001 7 . 5 . 1	get it				
	marks					
	GP-06 01/10/2001 7 . 6 . 0	get it				
	GP-07 04/01/2002 7 . 7 . 0	get it				
TS 05.10	Radio subsystem synchronization					
R98	current version: 7.4.0 freeze_meeting: smg-29	WG (prime / other): G1 / -	rapporteur: JOKINEN, Harri USAI, Paolino	NOKIA MOBILE PHONES		
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino			
	smg-26 26/06/1998 7 . 0 . 0	get it	remarks - general:			
	smg-29 25/06/1999 7 . 1 . 0	get it	remarks - this release: GERAN#2:7.4.0			
	ETSI publication 14/12/1999 7 . 1 . 1	get it				
	smg-30 11/11/1999 7 . 2 . 0	get it				
	smg-31b 17/04/2000 7 . 3 . 0	get it				
	ETSI publication 17/10/2000 7 . 3 . 1	get it				
	GP-02 24/11/2000 7 . 4 . 0	get it				
TS 05.14	Release independent frequency bands; Implementation guidelines					
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): G1 / G2	rapporteur: KANGAS, Antti USAI, Paolino	NOKIA Corporation		
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino			
	GP-02 05/01/2001 7 . 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 7 . 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.						
	GP-10 19/07/2002 7 . 2 . 0	get it	GERAN#2:7.0.0			

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Server ACTIVE specs R98 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.22	Radio link management in hierarchical networks				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G1 / - G: yes U:	rapporteur: VAN BUSSEL, Han MCC: USAI, Paolino	T-MOBILE DEUTSCHLAND	
	history (event, available, version, Upgrade to 30/03/2000 7 . 0 . 0 Release 98	get it	remarks - general: remarks - this release: .		
<hr/>					
TR 05.50	Background for RF Requirements				
R98	current version: 7.4.0 freeze_meeting: smg-29	WG (prime / other): G1 / - G: yes U:	rapporteur: ANDERSEN, Niels Peter Skov MCC: USAI, Paolino	MOTOROLA A/S	
	history (event, available, version, smg-26 26/06/1998 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 . 3 . 0 smg-31b 17/04/2000 7 . 4 . 0	get it get it get it get it get it	remarks - general: remarks - this release: #26: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0 #31b:7.4.0		
<hr/>					
TS 05.56	GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem				
R98	current version: 7.1.1 freeze_meeting: smg-29	WG (prime / other): G1 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino	TELECOM ITALIA S.p.A.	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0 ETSI Publication 05/09/2000 7 . 1 . 1	get it get it get it	remarks - general: remarks - this release:		
<hr/>					
TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations				
R98	current version: 7.0.0 freeze_meeting: SP-11	WG (prime / other): G1 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino	TELECOM ITALIA S.p.A.	
	history (event, available, version, upgrade to R98 10/04/2001 7 . 0 . 0	get it	remarks - general: remarks - this release: 2001-01-31: Record created on request of GERAN convenor. No R99 required tho.		

R98 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
R98	current version: 7.0.2	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	TELECOM ITALIA S.p.A.		
	freeze_meeting: smg-29	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	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			
<hr/>						
TS 06.02	Half Rate Speech Processing Functions					
R98	current version: 7.0.2	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-29	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	get it	remarks - general:			
	ETSI Publication 14/12/1999 7 . 0 . 2	get it	remarks - this release: #28: 7.0.0			
<hr/>						
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
R98	current version: 7.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-29	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
	ETSI Publication 20/01/2000 7 . 0 . 1	get it	remarks - this release: #29: 7.0.0			
<hr/>						
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
R98	current version: 7.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-29	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
	ETSI Publication 20/01/2000 7 . 0 . 1	get it	remarks - this release: #29: 7.0.0			
<hr/>						
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R98	current version: 7.0.0	WG (prime / other): S4 / -	rapporteur: SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-29	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
			remarks - this release: #29: 7.0.0			

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TS 06.10	Full Rate Speech Transcoding					
R98	current version: 7.2.0	WG (prime / other):	S4 / -	rapporteur:	LORENZ, Dietmar	PHILIPS Semiconductors
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0			get it	remarks - general:	
	ETSI OAP 28/07/1999 7 . 0 . 1			get it	remarks - this release:	
	ETSI publication 14/12/1999 7 . 0 . 2			get it		
	inclusion of zip 29/03/2000 7 . 0 . 3			get it		
	files					
	inclusion of doc 31/05/2000 7 . 0 . 4			get it		
	file (!)					
	smg-32 20/06/2000 7 . 1 . 0			get it		
	SP-12 29/06/2001 7 . 2 . 0			get it		
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
	ETSI Publication 29/12/1999 7 . 0 . 1			get it	remarks - this release: #29: 7.0.0	
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R98	current version: 7.1.0	WG (prime / other):	S4 / -	rapporteur:	SERENO, Daniele	TELECOM ITALIA S.p.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
	ETSI Publication 12/01/2000 7 . 0 . 1			get it	remarks - this release: #29: 7.0.0	
	SP-12 29/06/2001 7 . 1 . 0			get it		
TS 06.20	Half Rate Speech Transcoding					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
	ETSI publication 17/01/2000 7 . 0 . 1			get it	remarks - this release: #29: 7.0.0	

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TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0					
	ETSI publication 17/01/2000 7 . 0 . 1					
		get it		remarks - general:		
		get it		remarks - this release: #29: 7.0.0		
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TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0					
	ETSI Publication 20/01/2000 7 . 0 . 1					
		get it		remarks - general:		
		get it		remarks - this release: #29: 7.0.0		
<hr/>						
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0					
	ETSI Publication 12/01/2000 7 . 0 . 1					
		get it		remarks - general:		
		get it		remarks - this release: #29: 7.0.0		
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TS 06.32	Voice Activity Detection (VAD)					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0					
	ETSI Publication 13/01/2000 7 . 0 . 1					
		get it		remarks - general:		
		get it		remarks - this release: #29: 7.0.0		
<hr/>						
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0					
	ETSI Publication 20/01/2000 7 . 0 . 1					
		get it		remarks - general:		
		get it		remarks - this release: #29: 7.0.0		

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TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): S4 / -	rapporteur: BARRETT, Paul	Indicate persons who left Company and wait for new One					
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 ETSI Publication 20/01/2000 7 . 0 . 1	G: yes U:	MCC: USAI, Paolino			get it remarks - general: get it remarks - this release: #29: 7.0.0			
<hr/>									
TS 06.51	GSM Enhanced full rate speech processing functions: General description								
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation					
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1 smg-32 20/06/2000 7 . 1 . 0 ETSI publication 30/11/2000 7 . 1 . 1 SP-10 20/12/2000 7 . 2 . 0	G: yes U:	MCC: USAI, Paolino			get it remarks - general: get it remarks - this release: #28: 7.0.0 #32:7.1.0 TSG#10:7.2.0 get it get it get it get it			
<hr/>									
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec								
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation					
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 ETSI Publication 12/01/2000 7 . 0 . 1	G: yes U:	MCC: USAI, Paolino			get it remarks - general: get it remarks - this release:			
<hr/>									
TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)								
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation					
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1 SP-10 20/12/2000 7 . 2 . 0	G: yes U:	MCC: USAI, Paolino			get it remarks - general: get it remarks - this release: get it			

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

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): S4 / - G: yes U:	rapporteur: SALEM, Tarek MCC: USAI, Paolino		T-MOBILE DEUTSCHLAND	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0			get it remarks - general: remarks - this release: #29: 7.0.0		
TS 06.60	Enhanced full rate speech transcoding					
R98	current version: 7.0.2 freeze_meeting: smg-29	WG (prime / other): S4 / - G: yes U:	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 ETSI Publication 13/12/1999 7 . 0 . 2			get it remarks - general: get it remarks - this release: #28: 7.0.0		
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): S4 / - G: yes U:	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 ETSI Publication 12/01/2000 7 . 0 . 1			get it remarks - general: get it remarks - this release: #29: 7.0.0		
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): S4 / - G: yes U:	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 ETSI Publication 12/01/2000 7 . 0 . 1			get it remarks - general: get it remarks - this release: #29: 7.0.0		
TS 06.71	Adaptive Multi-Rate speech processing functions; General description					
R98	current version: 7.0.2 freeze_meeting: smg-29	WG (prime / other): S4 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 ETSI Publication 16/12/1999 7 . 0 . 2			get it remarks - general: SMG11->S4 at SMG#30 get it remarks - this release: #28: 7.0.0		

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TS 06.73 Adaptive Multi Rate (AMR) speech; ANSI-C code for the AMR speech codec

R98 *current version:* 7.6.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0.0 TSG#7: 7.4.0 TSG#11:7.5.0
smg-30 11/11/1999 7 . 2 . 0 [get it](#)
SP-06 17/12/1999 7 . 3 . 0 [get it](#)
SP-07 15/03/2000 7 . 4 . 0 [get it](#)
ETSI Publication 28/09/2000 7 . 4 . 1 [get it](#)
SP-11 10/04/2001 7 . 5 . 0 [get it](#)
SP-14 09/01/2002 7 . 6 . 0 [get it](#)

TS 06.74 Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec

R98 *current version:* 7.3.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-28 12/02/1999 2 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
SP-06 17/12/1999 7 . 0 . 0 [get it](#) *remarks - this release:*
corrected test 04/02/2000 7 . 0 . 1 [get it](#)
vectors
corrected test 14/09/2000 7 . 0 . 2 [get it](#)
vectors
ETSI publication 05/10/2000 7 . 0 . 3 [get it](#)
SP-11 10/04/2001 7 . 1 . 0 [get it](#)
corrected tests 04/07/2001 7 . 1 . 1 [get it](#)
SP-15 28/03/2002 7 . 2 . 0 [get it](#)
SP-16 28/06/2002 7 . 3 . 0 [get it](#)

TR 06.75 Performance characterization of the GSM Adaptive Multi-Rate (AMR) speech codec

R98 *current version:* 7.2.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-29 25/06/1999 1 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-30 11/11/1999 7 . 0 . 0 [get it](#) *remarks - this release:* SMG#29 1.0.0 for information SMG#30: 7.0.0 SA#6: 7.1.0. TSG#7: 7.2.0
SP-06 17/12/1999 7 . 1 . 0 [get it](#)
SP-07 17/03/2000 7 . 2 . 0 [get it](#)

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TR 06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
R98	<i>current version:</i> 7.0.2 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino		TELECOM ITALIA S.p.A.
	<i>history (event, available, version,</i> smg-31 16/02/2000 1 . 0 . 0 SP-07 2 . 0 . 0 SP-000023 SP-07 17/03/2000 7 . 0 . 0 fix invisible 10/01/2002 7 . 0 . 1 refix invisible 15/01/2002 7 . 0 . 2 figures	get it	<i>remarks - general:</i> New at SMG#31. Then became 06.77; new 06.76 has new title. <i>remarks - this release:</i>			
TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
R98	<i>current version:</i> 7.1.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0 smg-30 11/11/1999 7 . 1 . 0 ETSI Publication 09/05/2000 7 . 1 . 1	get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0 #30: 7.1.0			
TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0 ETSI Publication 12/01/2000 7 . 0 . 1	get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0			
TR 06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino		TELECOM ITALIA S.p.A.
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0			

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TS 06.90 Adaptive Multi-Rate speech transcoding

R98 *current version: 7.2.1* WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0 #30: 7.2.0
smg-30 11/11/1999 7 . 2 . 0 [get it](#)
ETSI Publication 09/05/2000 7 . 2 . 1 [get it](#)

TS 06.91 Substitution and muting of lost frames for AMR speech traffic channels

R98 *current version: 7.1.1* WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #30: 7.1.0
ETSI Publication 09/05/2000 7 . 1 . 1 [get it](#)

TS 06.92 Comfort noise aspects for Adaptive Multi-Rate speech traffic channels

R98 *current version: 7.1.1* WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0
ETSI Publication 17/12/1999 7 . 1 . 1 [get it](#)

TS 06.93 Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels

R98 *current version: 7.5.0* WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino

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

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TS 06.94 Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels

R98 *current version:* 7.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0
ETSI Publication 22/12/1999 7 . 1 . 1 [get it](#)

R98 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R98 *current version:* 7.1.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 10/08/1999 7 . 1 . 1 [get it](#)

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R98 *current version:* 7.0.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 10/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:* #27: 7.0.0

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R98 *current version:* 7.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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Server ACTIVE specs R98 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R98 *current version:* 7.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R98 *current version:* 7.8.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: SP-08 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-27 16/10/1998 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-28 12/02/1999 7 . 2 . 0 [get it](#)
smg-29 25/06/1999 7 . 3 . 0 [get it](#)
TP-05 13/10/1999 7 . 4 . 0 [get it](#)
TP-06 15/12/1999 7 . 5 . 0 [get it](#)
TP-11 06/04/2001 7 . 6 . 0 [get it](#)
TP-14 11/01/2002 7 . 7 . 0 [get it](#)
TP-19 28/03/2003 7 . 8 . 0 [get it](#)

TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R98 *current version:* 7.2.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
TP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 26/03/2002 7 . 2 . 0 [get it](#)

TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R98 *current version:* 7.2.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
NP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #29: 7.0.0 TSG#5: 7.1.0 TSG#11:7.2.0
NP-11 04/04/2001 7 . 2 . 0 [get it](#)

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R98 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01	General Aspects on the BSS-MSC Interface					
R98	current version: 7.0.0 freeze_meeting: smg-29	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			
		get it	remarks - general: remarks - this release:			
<hr/>						
TS 08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles					
R98	current version: 7.0.0 freeze_meeting: smg-29	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			
		get it	remarks - general: remarks - this release:			
<hr/>						
TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification					
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 ETSI Publication 17/08/1999 7 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
<hr/>						
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface					
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 ETSI Publication 17/08/1999 7 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			

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TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
R98	<i>current version:</i> 7.7.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
		G: yes U:	MCC:			
<i>history (event, available, version,</i>						
smg-25	20/03/1998	7 . 0 . 0	get it	<i>remarks - general:</i>		
smg-28	12/02/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>		
smg-29	25/06/1999	7 . 2 . 0	get it			
smg-30	11/11/1999	7 . 3 . 0	get it			
smg-30b	06/12/1999	7 . 4 . 0	get it			
smg-31b	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			

TS 08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1					
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
		G: yes U:	MCC:			
<i>history (event, available, version,</i>						
smg-28	12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i>		
ETSI Publication	30/08/1999	7 . 0 . 1	get it	<i>remarks - this release:</i>		

TS 08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service					
R98	<i>current version:</i> 7.1.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
		G: yes U:	MCC:			
<i>history (event, available, version,</i>						
smg-28	12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i>		
smg-29	25/06/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>		

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TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol					
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-30 11/11/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-31 16/02/2000 7 . 3 . 0	get it				
ETSI publication	26/05/2000 7 . 3 . 1	get it				
GP-03	31/01/2001 7 . 4 . 0	get it				
GP-05	18/06/2001 7 . 5 . 0	get it				

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-29 25/06/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>			
	NP-11 04/04/2001 7 . 1 . 0	get it				

TS 08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29	G: yes U:	Peter Skov			
	<i>history (event, available, version,</i>		<i>MCC:</i> THOMASEN, Gert			
	smg-30 1 . 0 . 0		<i>remarks - general:</i>			
	smg-30b 06/12/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>			
	GP-05 18/06/2001 7 . 1 . 0	get it				

TS 08.51	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29	G: yes U:	Peter Skov			
	<i>history (event, available, version,</i>		<i>MCC:</i> THOMASEN, Gert			
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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

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Server ACTIVE specs R98 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC:		get it remarks - general: remarks - this release:
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TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC:		get it remarks - general: remarks - this release:
<hr/>					
TS 08.56	BSC-BTS Layer 2; Specification				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC:		get it remarks - general: remarks - this release:
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TS 08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification				
R98	current version: 7.4.1 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	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:		get it remarks - general: get it remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.4.0 get it get it

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Server ACTIVE specs R98 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels				
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		G: yes U:	MCC: USAI, Paolino		
<i>history (event, available, version,</i>					
smg-29 25/06/2000	7 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
smg-30 11/11/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>		
smg-30b 06/12/1999	7 . 2 . 0	get it			
ETSI publication 07/09/2000	7 . 2 . 1	get it			
GP-08 19/02/2002	7 . 3 . 0	get it			

TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels				
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		G: yes U:	MCC: USAI, Paolino		
<i>history (event, available, version,</i>					
smg-29 25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
smg-30 11/11/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>		
smg-30b 06/12/1999	7 . 2 . 0	get it			
Edito 15/12/1999	7 . 2 . 1	get it			
GP-08 19/02/2002	7 . 3 . 0	get it			

TS 08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino		
<i>history (event, available, version,</i>					
smg-28 12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i> SMG11->S4 at SMG#30		
SP-07 15/03/1999	7 . 1 . 0	get it	<i>remarks - this release:</i> #28: 7.0.0 TSG#7: 7.1.0		
edito 09/08/2000	7 . 1 . 1	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.71 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3

R98 *current version:* 7.6.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0
smg-30b	06/12/1999	7	.	1	.	0
edito	31/12/1999	7	.	1	.	1
smg-31	16/02/2000	7	.	2	.	0
smg-31b	17/04/2000	7	.	3	.	0
GP-02	30/11/2000	7	.	4	.	0
GP-06	14/09/2001	7	.	5	.	0
GP-07	08/01/2002	7	.	6	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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R98 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios

R98 *current version:* 7.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0
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[get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs R98 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02	Mobile Application Part (MAP) Specification					
R98	current version: 7.13.0		WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-29		G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,					
	smg-28 12/02/1999	7 . 0 . 0	get it	remarks - general: CN->N4 Apr00 (JMM)		
	smg-29 25/06/1999	7 . 1 . 0	get it	remarks - this release:		
	NP-05 08/10/1999	7 . 2 . 0	get it			
	NP-06 13/12/1999	7 . 3 . 0	get it			
	NP-07 15/03/2000	7 . 4 . 0	get it			
	NP-08 21/06/2000	7 . 5 . 0	get it			
	edito 04/09/2000	7 . 5 . 1	get it			
	NP-09 08/11/2000	7 . 6 . 0	get it			
	NP-10 21/12/2000	7 . 7 . 0	get it			
	NP-11 06/04/2001	7 . 8 . 0	get it			
	NP-12 06/07/2001	7 . 9 . 0	get it			
	NP-14 18/01/2002	7 . 10 . 0	get it			
	NP-15 04/04/2002	7 . 11 . 0	get it			
	NP-18 08/01/2003	7 . 12 . 0	get it			
	NP-19 07/04/2003	7 . 13 . 0	get it			
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TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile					
R98	current version: Network (PLMN)	7.0.0	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David		
	ETSI Secretariat		G: yes U:	MCC: BOSWARTHICK, David		
	freeze_meeting: smg-29					
	history (event, available, version,					
	smg-29 25/06/1999	7 . 0 . 0	get it	remarks - general: N3: "no R99 needed".		
				remarks - this release: #29: 7.0.0		
<hr/>						
TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)					
R98	current version: 7.0.0		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting: smg-29		G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,					
	smg-29 25/06/1999	7 . 0 . 0	get it	remarks - general: N3: "no R99 needed".		
				remarks - this release: #29: 7.0.0		

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http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R98	current version: 7.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: smg-29	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0						get it	remarks - general: N3: "no R99 needed".	remarks - this release: #29: 7.0.0
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TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
R98	current version: Switched Data Transmission Services 7.0.0	WG (prime / other):	N3	/-	rapporteur:	BOSWARTHICK, David			
ETSI Secretariat		G: yes	U:	MCC:	BOSWARTHICK, David				
	freeze_meeting: smg-29								
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0						get it	remarks - general: N3: "no R99 needed".	remarks - this release: #29: 7.0.0
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TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
R98	current version: Network (PSTN) 7.2.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert			
SIEMENS AG		G: yes	U:	MCC:	BOSWARTHICK, David				
	freeze_meeting: smg-29								
	history (event, available, version, smg-27 16/10/1998 7 . 0 . 0 smg-28 12/02/1999 7 . 1 . 0 smg-29 25/06/1999 7 . 1 . 1 NP-06 15/12/1999 7 . 2 . 0						get it	remarks - general:	remarks - this release: #27: 7.0.0 #28: 7.1.0 #29: 7.1.1 N#6: 7.2.0
							get it		
							get it		
							get it		
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND, Ericsson Incorporated				
	freeze_meeting: smg-29	G: yes	U:	MCC:	Rouzbeh JORGENSEN, Per Johan				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 smg-30 11/11/1999 7 . 1 . 0 NP-06 13/12/1999 7 . 2 . 0						get it	remarks - general:	remarks - this release: #29: 7.0.0 #30: 7.1.0 tsg#6:(7.1.0 then) 7.2.0
							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/09_series

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
R98	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	7.2.0WG (prime / other):	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo			
TeliaSonera AB									
	<i>freeze_meeting:</i> smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
	smg-29	25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i>				
	NP-06	15/12/1999	7 . 1 . 0	get it	<i>remarks - this release:</i> #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0				
	NP-11	04/04/2001	7 . 2 . 0	get it					
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TS 09.11	Signalling Interworking for Supplementary Services								
R98	<i>current version:</i> 7.0.1	WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
	smg-28	12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i>				
	ETSI Publication	12/03/1999	7 . 0 . 1	get it	<i>remarks - this release:</i> #28: 7.0.0				
<hr/>									
TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
R98	<i>current version:</i> 7.0.0	WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
	smg-29	25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i>				
<i>remarks - this release:</i>									
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TS 09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling								
R98	<i>current version:</i> 7.0.2	WG (prime / other):	SPA	/ N4	<i>rapporteur:</i>	SPORTON, Simon VODAFONE Group Plc			
	<i>freeze_meeting:</i> smg-29	G: yes	U:	MCC:					
<i>history (event, available, version,</i>									
	SPS approval	30/06/1999	7 . 0 . 1	get it	<i>remarks - general:</i> EN 302 646				
	ETSI publication	26/09/2000	7 . 0 . 2	get it	<i>remarks - this release:</i> (SPAN1)				
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TS 09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification								
R98	<i>current version:</i> 7.0.1	WG (prime / other):	N1	/-	<i>rapporteur:</i>	MILLS, Duncan VODAFONE Group Plc			
	<i>freeze_meeting:</i> smg-29	G: yes	U:	MCC:	JORGENSEN, Per Johan				
<i>history (event, available, version,</i>									
	smg-28	12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i>				
	ETSI Publication	17/08/1999	7 . 0 . 1	get it	<i>remarks - this release:</i>				

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Server ACTIVE specs R98 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification				
R98	current version: 7.5.0	WG (prime / other): N1 / -	rapporteur: MILLS, Duncan	VODAFONE Group Plc	
	freeze_meeting: smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-28 12/02/1999 7 . 0 . 0	get it	remarks - general:		
	smg-29 25/06/1999 7 . 1 . 0	get it	remarks - this release:		
	NP-05 08/10/1999 7 . 2 . 0	get it			
	NP-07 15/03/2000 7 . 3 . 0	get it			
	NP-13 02/10/2001 7 . 4 . 0	get it			
	NP-14 04/01/2002 7 . 5 . 0	get it			
<hr/>					
TS 09.31	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)				
R98	current version: 7.7.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-29	G: yes U:	Peter Skov		
	history (event, available, version,		THOMASEN, Gert		
	smg-30b 06/12/1999 7 . 0 . 0	get it	remarks - general:		
	smg-31 16/02/2000 7 . 1 . 0	get it	remarks - this release:		
	smg-31b 17/04/2000 7 . 2 . 0	get it			
	smg-32 28/06/2000 7 . 3 . 0	get it			
	GP-01 11/10/2000 7 . 4 . 0	get it			
	ETSI publication 7 . 4 . 1	ETSI format only. Not for 3GPP use.			
	GP-06 18/09/2001 7 . 5 . 0	get it			
	GP-07 08/01/2002 7 . 6 . 0	get it			
	GP-10 19/07/2002 7 . 7 . 0	get it			

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Server ACTIVE specs R98 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GTP across the Gn and Gp Interface

R98 *current version:* 7.10.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 08/10/1999 7 . 2 . 0 [get it](#)
NP-06 15/12/1999 7 . 3 . 0 [get it](#)
NP-07 15/03/2000 7 . 4 . 0 [get it](#)
NP-08 21/06/2000 7 . 5 . 0 [get it](#)
NP-09 31/10/2000 7 . 6 . 0 [get it](#)
NP-11 02/04/2001 7 . 7 . 0 [get it](#)
edito 04/07/2001 7 . 7 . 1 prob with figures. Expect an update. [get it](#)
make figures 09/08/2001 7 . 7 . 2 [get it](#)
visible
NP-13 03/10/2001 7 . 8 . 0 [get it](#)
NP-16 21/06/2002 7 . 9 . 0 [get it](#)
NP-18 07/01/2003 7 . 10 . 0 [get it](#)

TS 09.61 General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)

R98 *current version:* 7.10.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-06 15/12/1999 7 . 2 . 0 [get it](#)
NP-11 04/04/2001 7 . 3 . 0 [get it](#)
NP-13 12/10/2001 7 . 4 . 0 [get it](#)
NP-14 14/01/2002 7 . 5 . 0 [get it](#)
NP-15 20/03/2002 7 . 6 . 0 [get it](#)
NP-16 02/07/2002 7 . 7 . 0 [get it](#)
NP-18 09/01/2003 7 . 8 . 0 [get it](#)
NP-19 27/03/2003 7 . 9 . 0 [get it](#)
NP-20 23/06/2003 7 . 10 . 0 [get it](#)

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Server ACTIVE specs R98 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.78	CAMEL Application Part phase 2 (stage 3)					
R98	current version: 7.1.0 freeze_meeting: smg-29	WG (prime / other): N2 / - G: yes U:	rapporteur: NOLDUS, Rogier MCC: JURISIC, Andrijana	Telefon AB LM Ericsson		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 NP-08 21/06/2000 7 . 1 . 0	get it get it	remarks - general: remarks - this release:			
<hr/>						
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults					
R98	current version: 7.0.1 freeze_meeting: smg-28	WG (prime / other): N1 / - G: yes U:	rapporteur: ANDERSEN, Niels Peter Skov MCC: JORGENSEN, Per Johan	MOTOROLA A/S		
	history (event, available, version, NP-16 26/06/2002 7 . 0 . 0 edito post NP-18 16/12/2002 7 . 0 . 1	get it get it	remarks - general: remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.	minor editorials to change style from TS to TR.		
<hr/>						
TR 09.95	Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles					
R98	current version: 7.3.0 freeze_meeting: GP-04	WG (prime / other): G1 / - G: yes U:	rapporteur: ANDERSEN, Niels Peter Skov MCC: USAI, Paolino	MOTOROLA A/S		
	history (event, available, version, GP-04 20/04/2001 7 . 0 . 0 GP-07 04/01/2002 7 . 1 . 0 GP-08 19/02/2002 7 . 2 . 0 GP-12 03/01/2003 7 . 3 . 0	get it get it get it get it	remarks - general: remarks - this release:			
<hr/>						
<hr/>						
	R98	10 .- series	Server location: http://www.3gpp.org/ftp/Specs/archive/10_series			
<hr/>						
TS 10.00	Digital Cellular Telecommunication System Feature Description					
R98	current version: 7.1.0 freeze_meeting: smg-29	WG (prime / other): S2 / - G: yes U:	rapporteur: BERGMANN, Ansgar MCC: YOON, Sang-Ui	Deutsche Telekom AG		
	history (event, available, version, smg-26 11/09/1998 7 . 0 . 0 smg-27 7 . 1 . 0	get it	remarks - general: remarks - this release: #27: 7D1.0	Not available		
<hr/>						

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R98 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.56 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1

R98 *current version:* 7.0.0 *WG (prime / other):* S2 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
draft 28/08/1998 2 . 0 . 1 [get it](#) *remarks - general:*
smg-27 09/02/2000 7 . 0 . 0 [get it](#) *remarks - this release:*

TS 10.70 GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR

R98 *current version:* 0.2.1 DRAFT *WG (prime / other):* S4 / - *rapporteur:* VACANT,
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-27 16/10/1998 0 . 0 . 1 [get it](#) *remarks - general:*
smg-28 12/02/1999 0 . 2 . 0 [get it](#) *remarks - this release:*
draft 05/02/1999 0 . 2 . 1 [get it](#)

R98 **11** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R98 *current version:* 7.3.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-29 NP /
T2 /
SCP
G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #31bis: closed (R99 version serves all releases). GP-06: Rel-4 serves all releases.
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.
smg-31 16/02/2000 7 . 2 . 0 [get it](#)
editorial correction 16/02/2000 7 . 2 . 1 [get it](#)
GP-06 06/09/2001 7 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R98 *current version: 7.7.0* WG (prime / other): T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-32 G: yes U: *MCC:* DIETZE, Claus

history (event, available, version,

smg-26	26/06/1998	7	.	0	.	0		get it	<i>remarks - general:</i>
smg-27	16/10/1998	7	.	1	.	0		get it	<i>remarks - this release:</i>
smg-28	12/02/1999	7	.	2	.	0		get it	
smg-29	25/06/1999	7	.	3	.	0		get it	
smg-30	11/11/1999	7	.	4	.	0		get it	
smg-31	16/02/2000	7	.	5	.	0		get it	
smg-32	28/06/2000	7	.	6	.	0		get it	
edito	24/07/2000	7	.	6	.	1		get it	
TP-14	17/01/2002	7	.	7	.	0		get it	

TS 11.13 Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card

R98 *current version: 7.4.2* WG (prime / other): T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.
freeze_meeting: SP-11 G: yes U: *MCC:* DIETZE, Claus

history (event, available, version,

T3-16		0	.	2	.	0			<i>remarks - general:</i>
TP-10	11/01/2001	1	.	0	.	0		get it	<i>remarks - this release:</i>
TP-11	16/05/2001	7	.	0	.	0	late delivery due to very poor initial formatting	get it	
edito	08/08/2002	7	.	0	.	1	7.0.0. had wrong date on cover page / header	get it	
TP-12	12/07/2001	7	.	1	.	0		get it	
TP-13	12/10/2001	7	.	2	.	0		get it	
TP-14	01/02/2002	7	.	3	.	0		get it	
TP-15	04/04/2002	7	.	4	.	0		get it	
edito post TP-15	12/04/2002	7	.	4	.	1	adds missing annex attachments	get it	
edito post TP-17	18/09/2002	7	.	4	.	2	changes reference to withdrawn ETSI TS.	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface					
R98	<i>current version: 7.7.0</i> <i>freeze_meeting: smg-29</i>	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian		Indicate persons who left Company and wait for new One	
		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	smg-26 26/06/1998 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-27 16/10/1998 7 . 1 . 0	get it	<i>remarks - this release:</i>			
	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				
<hr/>						
TS 11.17	Subscriber Interface Module (SIM) test specification					
R98	<i>current version: 7.0.2</i> <i>freeze_meeting: smg-29</i>	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BREMNER, David		Indicate persons who left Company and wait for new One	
		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 14/12/1999 7 . 0 . 2	get it	<i>remarks - this release:</i>			
<hr/>						
TS 11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface					
R98	<i>current version: 7.0.1</i> <i>freeze_meeting: smg-29</i>	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LINDHOLM, Rune		NOKIA MOBILE PHONES	
		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 1 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - this release: #25: 1.0.0 #28: 7.0.0</i>			
	ETSI Publication 17/08/1999 7 . 0 . 1	get it				
<hr/>						
TS 11.19	CTS SIM Fixed Part					
R98	<i>current version: 7.0.3</i> <i>freeze_meeting: smg-29</i>	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> HUBBE, Pascal		ALCATEL S.A.	
		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 05/09/2000 7 . 0 . 3	get it	<i>remarks - this release: #28: 7.0.0</i>			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R98 *current version: 7.5.0* WG (prime / other): G1 / - *rapporteur:* VACANT,
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-30 11/11/1999 7 . 2 . 0 [get it](#)
ETSI Publication 09/05/2000 7 . 2 . 1 [get it](#)
GP-12 03/01/2003 7 . 3 . 0 [get it](#)
GP-13 21/02/2003 7 . 4 . 0 [get it](#)
GP-15 11/07/2003 7 . 5 . 0 [get it](#)

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R98 *current version: 7.0.0* WG (prime / other): G1 / - *rapporteur:* VACANT,
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
GP-09 06/05/2002 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: GP-09 (Usai) created to fill the Release gap.

R98

12 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management

R98 *current version: 7.0.1* WG (prime / other): S5 / S1 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-29 NP G: yes U: *MCC:* ZOICAS, Adrian

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.04 Performance data measurements
R98 *current version: 7.0.0* *freeze_meeting: smg-29* *WG (prime / other): S5 / S1 / NP* *rapporteur: TOCHE, Christian* NORTEL NETWORKS (EUROPE)
G: yes U: *MCC: ZOICAS, Adrian*
history (event, available, version, smg-30 11/11/1999 7 . 0 . 0) [get it](#) *remarks - general:*
remarks - this release:

TS 12.05 Subscriber Related Call and Event Data
R98 *current version: 7.0.1* *freeze_meeting: smg-29* *WG (prime / other): S5 / S1* *rapporteur: ALEXANDER, Benni* NOKIA Corporation
G: yes U: *MCC: ZOICAS, Adrian*
history (event, available, version, smg-28 12/02/1999 7 . 0 . 0) [get it](#) *remarks - general:*
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

TS 12.15 General Packet Radio Service (GPRS); GPRS Charging
R98 *current version: 7.7.0* *freeze_meeting: smg-29* *WG (prime / other): S5 / -* *rapporteur: ALEXANDER, Benni* NOKIA Corporation
G: yes U: *MCC: ZOICAS, Adrian*
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:*
smg-29 25/06/1999 7 . 2 . 0 [get it](#)
smg-30 11/11/1999 7 . 3 . 0 [get it](#)
SP-06 7 . 4 . 0
SP-07 15/03/2000 7 . 5 . 0 [get it](#)
SP-08 21/06/2000 7 . 6 . 0 [get it](#)
SP-18 07/01/2003 7 . 7 . 0 [get it](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface
R98 *current version: 7.0.0* *freeze_meeting: smg-29* *WG (prime / other): G1 / S5* *rapporteur: TRUSS, Michael* MOTOROLA Ltd
G: yes U: *MCC: USAI, Paolino*
history (event, available, version, GP-09 06/05/2002 7 . 0 . 0) [get it](#) *remarks - general: SP-13: S5->G3 but no change of rapporteur.*
remarks - this release: GP-09 (Usai) created to fill the Release gap.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.71 Location Services (LCS); Location services management

R98 *current version:* 7.0.1 *WG (prime / other):* S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-29 *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version,

draft	22/09/1999	0	.	0	.	1	get it	<i>remarks - general:</i>	TSG#11:S5 will no longer maintain.
draft	18/10/1999	0	.	0	.	2	get it	<i>remarks - this release:</i>	Sept 99: 0.0.1 TSG#8:7.0.0 (2.0.1) TSG#11:S5 will no longer maintain.
draft	03/12/1999	0	.	0	.	3	get it		
draft	22/12/1999	0	.	0	.	4	get it		
draft	17/01/2000	0	.	0	.	5	get it		
draft	22/05/2000	2	.	0	.	0	get it		
draft	25/05/2000	2	.	0	.	1	get it		
SP-08	21/06/2000	7	.	0	.	0	get it		
ETSI Publication	30/11/2000	7	.	0	.	1	get it		

R97

R97 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R97 *current version:* 6.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version,

SP-20	25/06/2003	6	.	0	.	0	get it	<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
								<i>remarks - this release:</i>	. backwards extension to earlier releases.

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.02	General Description of a GSM Public Land Mobile Network (PLMN)					
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): S1 / GP / NP	rapporteur: JORGENSEN, Niels H.	TDC TELE DANMARK A/S		
	history (event, available, version, smg-27 12/01/2001 6 . 0 . 0 edito 16/01/2001 6 . 0 . 1	G: yes U:	MCC: CLAYTON, Michael		get it remarks - general: get it remarks - this release:	
TR 01.04	Abbreviations and acronyms					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): GP / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	history (event, available, version, smg-27 15/11/2000 6 . 0 . 0	G: yes U:	MCC: USAI, Paolino		get it remarks - general: remarks - this release:	
TS 01.48	ISDN-based DECT/GSM interworking; Feasibility study					
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): S1 / -	rapporteur: GRAETZ, Ingeborg	SIEMENS AG		
	history (event, available, version, smg-27 01/12/2000 6 . 0 . 0 edito 16/01/2001 6 . 0 . 1	G: yes U:	MCC: CLAYTON, Michael		get it remarks - general: get it remarks - this release:	
TR 01.60	GPRS requirements					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0	G: yes U:	MCC: CLAYTON, Michael		get it remarks - general: remarks - this release:	
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc		
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0 Editorial correction 20/03/1998 6 . 0 . 1	G: yes U:	MCC: POPE, Maurice		get it remarks - general: get it remarks - this release:	

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

R97 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)					
R97	current version: 6.2.0 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael		NOKIA Corporation	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 smg-29 26/06/1999 6 . 2 . 0	get it get it get it	remarks - general: remarks - this release:			
TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)					
R97	current version: 6.1.1 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 Editorial correction 12/02/1999 6 . 1 . 1	get it get it get it	remarks - general: remarks - this release:			
TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: CONRAD, Alan MCC: CLAYTON, Michael		T-MOBILE DEUTSCHLAND	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general: remarks - this release:			
TS 02.04	General on Supplementary Services					
R97	current version: 6.1.1 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited	
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 smg-29 25/06/1999 6 . 1 . 1	get it get it get it	remarks - general: remarks - this release:			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06	Types of Mobile Stations (MS)					
R97	current version: 6.1.1	WG (prime / other): S1 / -	rapporteur: JEAL, David	VODAFONE Group Plc		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1999 6 . 0 . 0	get it	remarks - general:			
	ETSI publication 26/05/1999 6 . 0 . 1	get it	remarks - this release:			
	smg-28 12/02/1999 6 . 1 . 0	get it				
	ETSI publication 04/08/1999 6 . 1 . 1	get it				
<hr/>						
TS 02.07	Mobile Station (MS) Features					
R97	current version: 6.2.0	WG (prime / other): S1 / -	rapporteur: JEAL, David	VODAFONE Group Plc		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it	remarks - general:			
	smg-26 20/06/1998 6 . 1 . 0	get it	remarks - this release:			
	SP-07 17/03/2000 6 . 2 . 0	get it				
<hr/>						
TS 02.09	Security aspects					
R97	current version: 6.1.1	WG (prime / other): S3 / S1 /	rapporteur: CHRISTOFFERSSON, Per	Telia Promotor AB		
	freeze_meeting: smg-26	NP	MCC: POPE, Maurice			
	history (event, available, version,	G: yes U:				
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	ETSI publication 26/05/1999 6 . 0 . 1	get it	remarks - this release:			
	smg-31 16/02/2000 6 . 1 . 0	get it				
	ETSI publication 29/08/2000 6 . 1 . 1	get it				
<hr/>						
TS 02.11	Service Accessibility					
R97	current version: 6.1.0	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-26 26/06/1998 6 . 0 . 0	get it	remarks - general:			
	SP-11 02/04/2001 6 . 1 . 0	get it	remarks - this release:			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R97	current version: 6.2.0	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	smg-30 11/11/1999 6 . 1 . 0	get it	remarks - this release:			
	SP-08 28/06/2000 6 . 2 . 0	get it				
<hr/>						
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
R97	current version: 6.0.0	WG (prime / other): T3 / S1	rapporteur: HOOKER, Philip	ORANGE PCS LTD		
	freeze_meeting: smg-26	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
			remarks - this release:			
<hr/>						
TS 02.22	Stage 1 for personalisation of GSM ME					
R97	current version: 6.0.0	WG (prime / other): S1 /	rapporteur: DURAND, Romain	ALCATEL S.A.		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
			remarks - this release:			
<hr/>						
TS 02.24	Description of Charge Advice Information (CAI)					
R97	current version: 6.0.1	WG (prime / other): S1 /	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	Editorial correction 16/11/1998 6 . 0 . 1	get it	remarks - this release:			
<hr/>						
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
R97	current version: 6.1.0	WG (prime / other): S1 /	rapporteur: JEAL, David	VODAFONE Group Plc		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it	remarks - general:			
	edito 26/06/1998 6 . 0 . 1	get it	remarks - this release:			
	smg-28 12/02/1999 6 . 1 . 0	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R97	current version: 6.0.0	WG (prime / other): S1 /	rapporteur: KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general: remarks - this release:			
<hr/>						
TS 02.40	Procedures for Call Progress Indications					
R97	current version: 6.0.0	WG (prime / other): S1 / NP	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general: remarks - this release:			
<hr/>						
TS 02.41	Operator Determined Barring					
R97	current version: 6.0.0	WG (prime / other): S1 /	rapporteur: ...,	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general: remarks - this release:			
<hr/>						
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R97	current version: 6.0.0	WG (prime / other): S1 /	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general: remarks - this release:			
<hr/>						
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R97	current version: 6.0.0	WG (prime / other): T3 / S3	rapporteur: BARNES, Nigel	MOTOROLA Ltd		
	freeze_meeting: smg-26	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0	get it	remarks - general: SMG9->T3@#31 remarks - this release:			

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R97 *current version:* none *freeze_meeting:* smg-26 *history (event, available, version,*
WG (prime / other): S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
G: yes U: *MCC:* USAI, Paolino
remarks - general: SMG11->S4 at SMG#30
remarks - this release: No spec this Release

TS 02.60 General Packet Radio Service Stage 1 Description

R97 *current version:* 6.3.1 *freeze_meeting:* smg-26 *history (event, available, version,*
WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
G: yes U: *MCC:* CLAYTON, Michael
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
smg-25 20/03/1998 6 . 0 . 0 [get it](#)
smg-26 26/06/1998 6 . 1 . 0 [get it](#)
ETSI publication 01/12/1998 6 . 1 . 1 [get it](#)
smg-28 12/02/1999 6 . 2 . 0 [get it](#)
ETSI publication 04/08/1999 6 . 2 . 1 [get it](#)
SP-05 14/10/1999 6 . 3 . 0 [get it](#)
ETSI publication 28/11/2000 6 . 3 . 1 [get it](#)

TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

R97 *current version:* 6.0.0 *freeze_meeting:* smg-26 *history (event, available, version,*
WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* CLAYTON, Michael
remarks - general:
remarks - this release:
smg-27 16/10/1998 6 . 0 . 0 [get it](#)

TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R97 *current version:* 6.1.1 *freeze_meeting:* smg-26 *history (event, available, version,*
WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
G: yes U: *MCC:* CLAYTON, Michael
remarks - general:
remarks - this release:
smg-27 16/10/1998 6 . 0 . 0 [get it](#)
ETSI publication 01/09/1999 6 . 0 . 1 [get it](#)
smg-29 25/06/1999 6 . 1 . 0 [get it](#)
Editorial correction 25/07/1999 6 . 1 . 1 [get it](#)

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.68	Voice Group Call Service (VGCS); Stage 1					
R97	current version: 6.0.1	WG (prime / other): S1 / -	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 06/10/1998 6 . 0 . 0	get it	remarks - general:			
	publish EN 300 01/09/1999 6 . 0 . 1	get it	remarks - this release:			
	925					
<hr/>						
TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R97	current version: 6.0.1	WG (prime / other): S1 / -	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	Editorial correction 16/11/1998 6 . 0 . 1	get it	remarks - this release: #27: 6.0.0			
<hr/>						
TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)					
R97	current version: 6.6.1	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it	remarks - general:			
	smg-26 26/06/1998 6 . 1 . 0	get it	remarks - this release:			
	smg-28 12/02/1999 6 . 2 . 0	get it				
	smg-29 25/06/1999 6 . 3 . 0	get it				
	SP-05 14/10/1999 6 . 4 . 0	get it				
	SP-10 12/01/2001 6 . 5 . 0	get it				
	SP-14 14/01/2002 6 . 6 . 0	get it				
	SP-14 minor 17/01/2002 6 . 6 . 1	get it				
	correction					
<hr/>						
TS 02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)					
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: FREY, Sophie	Indicate persons who left Company and wait for new One		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
			remarks - this release: #27: 6.0.0			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.81	Line Identification Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: BLOMSTRAND, Ola	TeliaSonera AB		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0					
		get it	remarks - general:			
			remarks - this release: #27: 6.0.0			
<hr/>						
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0					
		get it	remarks - general:			
			remarks - this release: #27: 6.0.0			
<hr/>						
TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: JORGENSEN, Niels H.	TDC TELE DANMARK A/S		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0					
		get it	remarks - general:			
			remarks - this release: #27: 6.0.0			
<hr/>						
TS 02.84	MultiParty (MPPTY) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: POSTMANN, Erwin	SIEMENS AG		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0					
		get it	remarks - general:			
			remarks - this release: #27: 6.0.0			
<hr/>						
TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: BLOMSTRAND, Ola	TeliaSonera AB		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0					
		get it	remarks - general:			
			remarks - this release: #27: 6.0.0			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: CRAWFORD, Ian MCC: CLAYTON, Michael		VODAFONE Group Plc	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0		get it remarks - general: remarks - this release: #27: 6.0.0			
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: CONRAD, Alan MCC: CLAYTON, Michael		T-MOBILE DEUTSCHLAND	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0		get it remarks - general: remarks - this release: #27: 6.0.0			
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: SLOTTE, Sverre MCC: CLAYTON, Michael		NOKIA Corporation	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0		get it remarks - general: remarks - this release: #27: 6.0.0			
TS 02.91	Explicit Call Transfer (ECT)					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: POSTMANN, Erwin MCC: CLAYTON, Michael		SIEMENS AG	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0		get it remarks - general: remarks - this release: #27: 6.0.0			
TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1					
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael		EMCOM Ltd	
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0 Editorial correction 20/04/1998 6 . 0 . 1		get it remarks - general: get it remarks - this release: #25: 6.0.0 (5.x.y withdrawn) #26: 6.0.1			

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Server **ACTIVE specs R97 02 .- series**
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1					
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael		EMCOM Ltd	
	<i>history (event, available, version,</i> smg-27 15/10/1998 6 . 0 . 0		get it <i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0			

TS 02.96	Name Identification Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.1 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> GARAPATY, Sonia <i>MCC:</i> CLAYTON, Michael		Nortel Networks (USA)	
	<i>history (event, available, version,</i> smg-25 20/03/1998 6 . 0 . 0 Editorial correction 20/04/1998 6 . 0 . 1		get it <i>remarks - general:</i> get it <i>remarks - this release:</i> #25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1			

R97 **03 .- series** Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions					
R97	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S2 / NP <i>G: yes U:</i>	<i>rapporteur:</i> GAASVIK, Per-Ola <i>MCC:</i> YOON, Sang-Ui		COMVIQ GSM AB	
	<i>history (event, available, version,</i> smg-27 16/10/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0		get it <i>remarks - general:</i> SMG3->SA2 @ TSG#7 get it <i>remarks - this release:</i> #27: 6.0.0 #28: 6.1.0			

TS 03.02	Network Architecture					
R97	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S2 / NP / T2 <i>G: yes U:</i>	<i>rapporteur:</i> SULTAN, Alain <i>MCC:</i> YOON, Sang-Ui		SOURCE COM	
	<i>history (event, available, version,</i> smg-25 20/03/1998 6 . 0 . 0 smg-26 26/06/1998 6 . 1 . 0		get it <i>remarks - general:</i> get it <i>remarks - this release:</i> #25: 6.0.0 #26: 6.1.0			

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.03 Numbering, Addressing and Identification

R97 *current version:* 6.7.0 *WG (prime / other):* N4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
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 . 2 . 0 [get it](#)
smg-29 25/06/1999 6 . 3 . 0 [get it](#)
NP-05 14/10/1999 6 . 4 . 0 [get it](#)
NP-07 17/03/2000 6 . 5 . 0 [get it](#)
NP-08 28/06/2000 6 . 6 . 0 [get it](#)
NP-16 26/06/2002 6 . 7 . 0 [get it](#) SA did not approve companion CRs to 02.16.

TR 03.05 Technical performance objectives

R97 *current version:* 6.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 03.07 Restoration Procedures

R97 *current version:* 6.2.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-26 *G: yes U:* *MCC:* Chalmers
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-29 25/06/1999 6 . 2 . 0 [get it](#)

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08	Organization of Subscriber Data					
R97	current version: 6.6.0	WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	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				
	NP-07 15/03/2000 6 . 4 . 0	get it				
	NP-09 31/10/2000 6 . 5 . 0	get it				
	NP-20 27/06/2003 6 . 6 . 0	get it				
<hr/>						
TS 03.09	Handover Procedures					
R97	current version: 6.0.0	WG (prime / other): N1 / -	rapporteur: FARHOUMAND,	Ericsson Incorporated		
	freeze_meeting: smg-26	G: yes U:	MCC: Rouzbeh			
	history (event, available, version,		MCC: JORGENSEN, Per Johan			
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
			remarks - this release: #27: 6.0.0			
<hr/>						
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R97	current version: 6.0.0	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	freeze_meeting: smg-26	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version,					
	smg-27 18/10/1998 6 . 0 . 0	get it	remarks - general:			
			remarks - this release:			
<hr/>						
TS 03.11	Technical Realization of Supplementary Services - General Aspects					
R97	current version: 6.0.1	WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	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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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12	Location Registration Procedures				
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB	
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0				get it remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
TS 03.13	Discontinuous Reception (DRX) in the GSM System				
R97	current version: 6.0.0	WG (prime / other): G1 / -	rapporteur: USAI, Paolino	TELECOM ITALIA S.p.A.	
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0				get it remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
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: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0				get it remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
TS 03.15	Technical Realization of Operator Determined Barring				
R97	current version: 6.1.0	WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD	
	freeze_meeting: smg-26	G: yes U:	Chalmers MCC: KYMALAINEN, Kimmo		
	history (event, available, version, smg-26 26/06/1998 6 . 0 . 0 smg-29 25/06/1999 6 . 1 . 0				get it remarks - general: get it remarks - this release: #26: 6.0.0 SMG#29: 6.1.0

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.16 Subscriber Data Management

R97 current version: 6.5.0
freeze_meeting: smg-26

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
smg-27 16/10/1998 6 . 2 . 0
smg-28 12/02/1999 6 . 3 . 0
smg-29 25/06/1999 6 . 4 . 0
NP-09 13/10/2000 6 . 5 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 SMG#29: 6.4.0 TSG#9:6.5.0
[get it](#)
[get it](#)
[get it](#)

TS 03.18 Basic Call Handling

R97 current version: 6.7.0
freeze_meeting: smg-26

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD
G: yes U: MCC: Chalmers
KYMALAINEN, Kimmo

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
smg-27 16/10/1998 6 . 2 . 0
smg-28 12/02/1999 6 . 3 . 0
smg-29 25/06/1999 6 . 4 . 0
NP-05 13/10/1999 6 . 5 . 0
NP-07 17/03/2000 6 . 6 . 0
NP-09 04/10/2000 6 . 7 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.20 Security-related Network Functions

R97 current version: 6.1.0
freeze_meeting: smg-26

WG (prime / other): S3 / NP / GP rapporteur: NGUYEN NGOC, France Telecom
G: yes U: MCC: Sebastien
POPE, Maurice

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-29 25/06/1999 6 . 1 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release: #32:6.2.0 - evidently not!

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
R97	current version: 6.3.0 freeze_meeting: smg-26	WG (prime / other): G1 / N1	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S		
	history (event, available, version, smg-26 26/06/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 smg-29 26/06/1999 6 . 2 . 0 SP-11 11/04/2001 6 . 3 . 0	G: yes U:	MCC: USAI, Paolino		remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and group receive mode".	
		get it				
		get it				
		get it				
		get it				
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: USAI, Paolino		remarks - general:	
		get it			remarks - this release:	
TR 03.30	Radio Network Planning Aspects					
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): GP / -	rapporteur: TEGTH, Ulf USAI, Paolino	TeliaSonera AB		
	history (event, available, version, smg-26 26/06/1998 6 . 0 . 0 Editorial update 26/07/1998 6 . 0 . 1	G: yes U:	MCC: USAI, Paolino		remarks - general:	
		get it			remarks - this release: #26: 6.0.0	
		get it				
TS 03.32	Universal Geographical Area Description (GAD)					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): S2 / -	rapporteur: SULTAN, Alain YOON, Sang-Ui	SOURCE COM		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: YOUN, Sang-Ui		remarks - general:	
		get it			remarks - this release:	
TS 03.34	High Speed Circuit Switched Data (HSCSD); Stage 2					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): N1 / -	rapporteur: KOKKOLA, Tommi JORGENSEN, Per Johan	NOKIA Corporation		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan		remarks - general:	
		get it			remarks - this release: #27: 6.0.0	

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.38	Alphabets and language-specific information					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	Editorial correction 20/04/1998 6 . 0 . 1	get it	<i>remarks - this release: #25: 6.0.0</i>			
<hr/>						
TS 03.40	Technical realization of the Short Message Service (SMS)					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-26 26/06/1998 6 . 1 . 0	get it	<i>remarks - this release:</i>			
	TP-14 11/01/2002 6 . 2 . 0	get it				
<hr/>						
TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-26 26/06/1998 6 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 03.42	SMS Compression					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 03.43	Support of Videotex					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release: #27: 6.0.0</i>			

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH					
		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:					
<hr/>									
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat					
		G: yes U:	MCC: BOSWARTHICK, David						
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0		get it	remarks - general:					
	Editorial correction 16/10/1998 6 . 0 . 1		get it	remarks - this release:					
<hr/>									
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat					
		G: yes U:	MCC: BOSWARTHICK, David						
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0		get it	remarks - general: remarks - this release:					
<hr/>									
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)								
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH					
		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:					
<hr/>									
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2								
R97	current version: 6.2.0 freeze_meeting: smg-26	WG (prime / other): T3 / -	rapporteur: BARNES, Nigel	MOTOROLA Ltd					
		G: yes U:	MCC: DIETZE, Claus						
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0		get it	remarks - general: SMG9->T3@#31					
	smg-26 26/06/1998 6 . 1 . 0		get it	remarks - this release:					
	smg-28 12/02/1999 6 . 2 . 0		get it						

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)								
R97	current version: 6.1.0 freeze_meeting: smg-26	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH					
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0 smg-26 26/06/1998 6 . 1 . 0	G: yes U:	MCC: RODERMUND, Friedhelm						
		get it	remarks - general:						
		get it	remarks - this release:						
<hr/>									
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System								
R97	current version: 6.2.1 freeze_meeting: smg-26	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	TELECOM ITALIA S.p.A.					
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 ETSI publication 21/07/1999 6 . 1 . 1 smg-32 20/06/2000 6 . 2 . 0 ETSI publication 30/11/2000 6 . 2 . 1	G: yes U:	MCC: USAI, Paolino						
		get it	remarks - general:						
		get it	remarks - this release: #27: 6.0.0 #28: 6.1.0 #32:6.2.0						
		get it							
		get it							
		get it							
<hr/>									
TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2								
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat					
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: BOSWARTHICK, David						
		get it	remarks - general:						
			remarks - this release: #27: 6.0.0						
<hr/>									
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)								
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): S4 / -	rapporteur: MONFORT, Jean-Yves	France Telecom					
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0 Editorial correction 20/04/1998 6 . 0 . 1	G: yes U:	MCC: USAI, Paolino						
		get it	remarks - general:						
		get it	remarks - this release: #23: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)						

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R97 *current version:* 6.11.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* YOON, Sang-U

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:*
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](#)
SP-14 08/01/2002 6 . 10 . 0 [get it](#)
edito 29/07/2002 6 . 10 . 1 [get it](#)
SP-17 02/10/2002 6 . 11 . 0 [get it](#)

TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2					
R97	current version: 6.4.0	WG (prime / other):	G1 / -	rapporteur:	LEPPISAARI, Arto	NOKIA Corporation
	freeze_meeting: smg-26	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-25 20/03/1998	6 . 0 . 0	get it	remarks - general:		
	smg-26 26/06/1998	6 . 0 . 1	get it	remarks - this release:		
	smg-27 16/10/1998	6 . 1 . 0	get it			
	ETSI OAP 27/05/2000	6 . 1 . 1	get it			
	smg-28 12/02/1999	6 . 2 . 0	get it			
	smg-29 25/06/1999	6 . 3 . 0	get it			
	smg-30 11/11/1999	6 . 4 . 0	get it			
<hr/>						
TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2					
R97	current version: 6.1.0	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG
	freeze_meeting: smg-26	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998	6 . 0 . 0	get it	remarks - general:		
	NP-07 17/03/2000	6 . 1 . 0	get it	remarks - this release:		
<hr/>						
TS 03.68	Voice Group Call Service (VGCS); Stage 2					
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-26	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-25 20/03/1998	6 . 0 . 0	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 TSG#7: 6.2.0 #32:6.3.0 TSG#9:6.3.0		
	smg post SP-07 30/10/1998	6 . 2 . 0	get it			
	NP-09 12/10/2000	6 . 3 . 0	get it			
<hr/>						
TS 03.69	Voice Broadcast service (VBS); Stage 2					
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	MÜNNING, Dirk	DETECON GMBH
	freeze_meeting: smg-26	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-25 20/03/1998	6 . 0 . 0	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 TSG#7: 6.2.0 TSG#9:6.3.0		
	smg post SP-07 30/03/2000	6 . 2 . 0	get it			
	NP-09 12/10/2000	6 . 3 . 0	get it			

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TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R97 current version: 6.0.0 WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 G: yes U: MCC: BOSWARTHICK, David
history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 [get it](#) remarks - general: N3: "no R99 needed".
remarks - this release: #27: 6.0.0

TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R97 current version: 6.11.1 WG (prime / other): N2 / - rapporteur: LANTELME, Isabelle ALCATEL S.A.
freeze_meeting: smg-26 G: yes U: MCC: JURISIC, Andrijana
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:
ETSI publication 27/08/1998 6 . 1 . 1 [get it](#)
smg-27 16/10/1998 6 . 2 . 0 [get it](#)
smg-28 12/02/1999 6 . 3 . 0 [get it](#)
smg-29 25/06/1999 6 . 4 . 0 [get it](#)
NP-05 13/10/1999 6 . 5 . 0 [get it](#)
NP-07 17/03/2000 6 . 6 . 0 [get it](#)
NP-08 23/06/2000 6 . 7 . 0 [get it](#)
NP-10 04/01/2001 6 . 8 . 0 [get it](#)
NP-12 29/06/2001 6 . 9 . 0 [get it](#)
edito 02/07/2001 6 . 9 . 1 [get it](#)
NP-14 04/01/2002 6 . 10 . 0 [get it](#)
NP-16 17/06/2002 6 . 11 . 0 [get it](#)
Editorial correction 21/08/2002 6 . 11 . 1 [get it](#)
to SDLs

TS 03.79 Support of Optimal Routing phase 1; Stage 2

R97 current version: 6.3.0 WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD
freeze_meeting: smg-26 G: yes U: MCC: Chalmers
KYMALAINEN, Kimmo
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 TSG#5: 6.2.0 TSG#7: 6.3.0
NP-05 13/10/1999 6 . 2 . 0 [get it](#)
NP-07 17/03/2000 6 . 3 . 0 [get it](#)

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81	Line Identification Supplementary Services; Stage 2					
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general: remarks - this release: #27: 6.0.0			
<hr/>						
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
R97	current version: 6.1.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 smg-29 25/06/1999 6 . 1 . 0	get it	remarks - general: remarks - this release: #27: 6.0.0 #29: 6.1.0			
<hr/>						
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2					
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general: remarks - this release: #27: 6.0.0			
<hr/>						
TS 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2					
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general: remarks - this release: #27: 6.0.0			
<hr/>						
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2					
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general: remarks - this release:			

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2				
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: KYMALAINEN, Kimmo		
	Editorial correction 16/11/1998 6 . 0 . 1				get it remarks - general: get it remarks - this release: #27: 6.0.0
<hr/>					
TS 03.88	Call Barring (CB) supplementary services; Stage 2				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: KYMALAINEN, Kimmo		
					get it remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
TS 03.90	Unstructured Supplementary Service Data (USSD)				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): N4 / -	rapporteur: CHOTAI, Sunil	mmO2 plc	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: KYMALAINEN, Kimmo		
					get it remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
TS 03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: KYMALAINEN, Kimmo		
					get it remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
TS 03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2				
R97	current version: 6.2.0 freeze_meeting: smg-26	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	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	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

G = required in systems with GERAN access; 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

TS 03.96 Name Identification Supplementary Services; Stage 2

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release: #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)*

R97 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN 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

TS 04.04	Layer 1 - General Requirements					
R97	current version: 6.0.0	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG		
	freeze_meeting: smg-26	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0	get it	remarks - general: remarks - this release:			
<hr/>						
TS 04.05	Data Link (DL) Layer General Aspects					
R97	current version: 6.0.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: smg-26	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	Editorial correction 16/11/1998 6 . 0 . 1	get it	remarks - this release:			
<hr/>						
TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
R97	current version: 6.2.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: smg-26	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	ETSI publication 01/09/1999 6 . 0 . 1	get it	remarks - this release:			
	smg-29 25/06/1999 6 . 1 . 0	get it				
	ETSI publication 14/12/1999 6 . 1 . 1	get it				
	smg-31 16/02/2000 6 . 2 . 0	get it				
	ETSI publication 29/09/2000 6 . 2 . 1	get it				

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

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R97 current version: 6.5.1
freeze_meeting: smg-26

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
smg-27 16/10/1998 6 . 2 . 0
ETSI publication 04/12/1998 6 . 2 . 1
smg-28 12/02/1999 6 . 3 . 0
smg-29 25/06/1999 6 . 4 . 0
NP-05 13/10/1999 6 . 5 . 0
Editorial correction 13/11/1999 6 . 5 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release:
[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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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects								
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels Peter Skov KYMALAINEN, Kimmo	MOTOROLA A/S					
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0 Editorial correction 20/04/1998 6 . 0 . 1	G: yes U:	MCC: KYMALAINEN, Kimmo			get it remarks - general: get it remarks - this release:			
<hr/>									
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface								
R97	current version: 6.1.0 freeze_meeting: smg-26	WG (prime / other): N1 / -	rapporteur: NOBUYUKI, Uda JORGENSEN, Per Johan	NTT COMWARE Corporation					
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0 Editorial correction 20/04/1998 6 . 0 . 1 NP-09 12/10/2000 6 . 1 . 0	G: yes U:	MCC: JORGENSEN, Per Johan			get it remarks - general: get it remarks - this release: get it			
<hr/>									
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface								
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): G2 / T2	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S					
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 Editorial correction 16/11/1998 6 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert			get it remarks - general: get it remarks - this release: #27: 6.0.0			
<hr/>									
TS 04.13	Performance Requirements on Mobile Radio Interface								
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): N1 / -	rapporteur: PUDNEY, Chris JORGENSEN, Per Johan	VODAFONE Group Plc					
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 Editorial correction 16/10/1998 6 . 0 . 1	G: yes U:	MCC: JORGENSEN, Per Johan			get it remarks - general: get it remarks - this release: #27: 6.0.0			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions					
R97	current version: 6.3.1	WG (prime / other): G2 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd		
	freeze_meeting: smg-26	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	smg-30 11/11/1999 6 . 1 . 0	get it	remarks - this release:			
	smg-32 28/06/2000 6 . 2 . 0	get it				
	GP-10 19/07/2002 6 . 3 . 0	get it				
	post GP-10 edito 23/07/2002 6 . 3 . 1	get it	Misplaced figure, clause 5.3.1.			
<hr/>						
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: smg-26	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			
<hr/>						
TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services					
R97	current version: Switching Centre (BSS - MSC) interface	6.2.0	WG (prime / other): N3 / -	rapporteur: KLEHN, Norbert		
SIEMENS AG						
	freeze_meeting: smg-26	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version,					
	smg-26 26/06/1998 6 . 0 . 0	get it	remarks - general:			
	smg-27 16/10/1998 6 . 1 . 0	get it	remarks - this release:			
	NP-06 17/12/1999 6 . 2 . 0	get it				

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

TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

R97 *current version:* 6.14.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,

draft	20/12/1997	0	.	0	.	0
draft	20/03/1998	1	.	0	.	0
draft	20/03/1998	2	.	0	.	0
smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-27	16/10/1998	6	.	2	.	0
smg-28	12/02/1999	6	.	3	.	0
ETSI publication	14/06/1999	6	.	3	.	1
smg-29	25/06/1999	6	.	4	.	0
ETSI publication	16/12/1999	6	.	4	.	1
smg-30	11/11/1999	6	.	5	.	0
smg-30b	06/12/1999	6	.	6	.	0
ETSI publication	05/07/2000	6	.	6	.	1
smg-31	16/02/2000	6	.	7	.	0
ETSI publication	29/09/2000	6	.	7	.	1
smg-31b	17/04/2000	6	.	8	.	0
ETSI publication	17/10/2000	6	.	8	.	1
smg-32	20/06/2000	6	.	9	.	0
GP-01	11/10/2000	6	.	10	.	0
GP-02	27/11/2000	6	.	11	.	0
GP-03	31/01/2001	6	.	12	.	0
GP-04	04/05/2001	6	.	13	.	0
GP-10	19/07/2002	6	.	14	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-27	16/10/1998	6	.	0	.	0
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[get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification

R97 *current version:* 6.10.0 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
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](#)
NP-14 04/01/2002 6 . 10 . 0 [get it](#)

TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)

R97 *current version:* 6.7.0 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
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](#)

TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #27: 6.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.68	Group Call Control (GCC) Protocol				
R97	current version: 6.3.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	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			
<hr/>					
TS 04.69	Broadcast Call Control (BCC) protocol				
R97	current version: 6.3.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	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			
<hr/>					
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: WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-25 20/03/1998 6 . 0 . 0	get it	remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	get it	remarks - this release:		
	smg-28 12/02/1999 6 . 1 . 1	get it			
<hr/>					
TS 04.81	Line Identification Supplementary Services; Stage 3				
R97	current version: 6.0.1	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	get it	remarks - this release: #27: 6.0.0		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
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*

TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release: #27: 6.0.0*

TS 04.84 Multi Party (MPY) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 16/11/1998 6 . 0 . 1 [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 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
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*

TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release: #27: 6.0.0*

G = required in systems with GERAN 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

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
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

TS 04.90 Unstructured Supplementary Service Data (USSD)

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
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

TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
<to be defined> 16/11/1998 6 . 0 . 1 [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 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
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 #28:6.1.1
smg-28 12/02/1999 6 . 1 . 1 [get it](#)

TS 04.96 Name Identification Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

R97 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R97 *current version:* 6.1.1 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-24 19/12/1997 6 . 0 . 0 [get it](#) *remarks - general:*
smg-25 20/03/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 20/04/1998 6 . 1 . 1 [get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R97 *current version:* 6.10.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-24 19/12/1997 6 . 0 . 0 [get it](#) *remarks - general:*
smg-25 20/03/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-26 26/06/1998 6 . 2 . 0 [get it](#)
smg-27 16/10/1998 6 . 3 . 0 [get it](#)
ETSI publication 09/03/1999 6 . 3 . 1 [get it](#)
smg-28 12/02/1999 6 . 4 . 0 [get it](#)
ETSI publication 04/08/1999 6 . 4 . 1 [get it](#)
smg-29 25/06/1999 6 . 5 . 0 [get it](#)
smg-30 11/11/1999 6 . 6 . 0 [get it](#)
smg-30b 06/12/1999 6 . 7 . 0 [get it](#)
ETSI publication 17/07/2000 6 . 7 . 1 [get it](#)
smg-31 16/02/2000 6 . 8 . 0 [get it](#)
ETSI publication 29/09/2000 6 . 8 . 1 [get it](#)
smg-31b 17/04/2000 6 . 9 . 0 [get it](#)
ETSI publication 17/10/2000 6 . 9 . 1 [get it](#)
edito 02/05/2001 6 . 9 . 2 [get it](#)
GP-06 01/10/2001 6 . 10 . 0 [get it](#)

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Server ACTIVE specs R97 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03	Channel coding								
R97	current version: 6.2.1		WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist		NOKIA Corporation			
	freeze_meeting: smg-26		G: yes U:	MCC: USAI, Paolino					
	history (event, available, version,								
	smg-24 19/12/1997	6 . 0 . 0	get it	remarks - general:					
	smg-25 20/03/1998	6 . 1 . 0	get it	remarks - this release: #24: 6.0.0 #25: 6.1.0 #28: 6.2.0					
	smg-28 12/02/1999	6 . 2 . 0	get it						
	ETSI Publication 12/03/1999	6 . 2 . 1	get it						
<hr/>									
TS 05.04	Modulation								
R97	current version: 6.1.1		WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist		NOKIA Corporation			
	freeze_meeting: smg-26		G: yes U:	MCC: USAI, Paolino					
	history (event, available, version,								
	smg-27 16/10/1998	6 . 0 . 0	get it	remarks - general:					
	ETSI publication 09/02/1999	6 . 0 . 1	get it	remarks - this release:					
	smg-30b 06/12/1999	6 . 1 . 0	get it						
	ETSI publication 20/06/2000	6 . 1 . 1	get it						
<hr/>									
TS 05.05	Radio Transmission and Reception								
R97	current version: 6.8.0		WG (prime / other): G1 / -	rapporteur: SAMUELSSON, Mats					
	freeze_meeting: smg-26		G: yes U:	MCC: USAI, Paolino					
	history (event, available, version,								
	smg-24 19/12/1997	6 . 0 . 0	get it	remarks - general:					
	smg-25 20/03/1998	6 . 1 . 0	get it	remarks - this release:					
	smg-26 26/06/1998	6 . 2 . 0	get it						
	smg-27 16/10/1998	6 . 3 . 0	get it						
	ETSI publication 09/03/1999	6 . 3 . 1	get it						
	smg-28 12/02/1999	6 . 4 . 0	get it						
	ETSI publication 04/06/1999	6 . 4 . 1	get it						
	smg-29 25/06/1999	6 . 5 . 0	get it						
	ETSI publication 14/12/1999	6 . 5 . 1	get it						
	smg-30 11/11/1999	6 . 6 . 0	get it						
	smg-31 16/02/2000	6 . 7 . 0	get it						
	ETSI publication 29/09/2000	6 . 7 . 1	get it						
	GP-01 09/10/2000	6 . 8 . 0	get it						

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R97 current version: 6.9.0
freeze_meeting: smg-26

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer
G: yes U: MCC: USAI, Paolino

VODAFONE Group Plc

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-30b 06/12/1999 6 . 7 . 0
edito 01/02/2000 6 . 7 . 1
smg-31b 17/04/2000 6 . 8 . 0
ETSI publication 6 . 8 . 1
GP-01 10/10/2000 6 . 9 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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TS 05.10 Radio subsystem synchronization

R97 current version: 6.7.0
freeze_meeting: smg-26

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri
G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

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

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[get it](#) remarks - this release:
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Server [ACTIVE specs R97 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

TS 05.14 Release independent frequency bands; Implementation guidelines

R97 *current version:* 6.2.0 *WG (prime / other):* G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-02 05/01/2001 6 . 0 . 0 [get it](#) *remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
GP-05 03/01/2002 6 . 1 . 0 [get it](#) *remarks - this release:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
Changed from G2 to G1 at same time.
R97 record created at same time (originally was only R99 and R98).
GP-10 19/07/2002 6 . 2 . 0 [get it](#)

TR 05.22 Radio link management in hierarchical networks

R97 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TR 05.50 Background for RF Requirements

R97 *current version:* 6.1.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* Peter Skov
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

TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-27 10/04/2001 6 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 12/11/2001 6 . 0 . 1 [get it](#) *remarks - this release:* #27: 6.0.0 Withdrawn, since never created. 2001-01-31: GERAN convenor asks for its re-instatement.

R97 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	TELECOM ITALIA S.p.A.		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
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	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:			
TS 06.02	Half Rate Speech Processing Functions					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	remarks - this release: #27: 6.0.0			
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	remarks - this release: #27: 6.0.0			
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	remarks - this release: #27: 6.0.0			
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R97	current version: 6.0.0	WG (prime / other): S4 / -	rapporteur: SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
			remarks - this release: #27: 6.0.0			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding					
R97	current version: 6.2.0	WG (prime / other): S4 / -	rapporteur: LORENZ, Dietmar	PHILIPS Semiconductors		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	smg-32 20/06/2000 6 . 1 . 0	get it	remarks - this release:			
	ETSI Publication 30/11/2000 6 . 1 . 1	get it				
	SP-12 29/06/2001 6 . 2 . 0	get it				
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	remarks - this release: #27: 6.0.0			
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R97	current version: 6.1.0	WG (prime / other): S4 / -	rapporteur: SERENO, Daniele	TELECOM ITALIA S.p.A.		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	remarks - this release: #27: 6.0.0			
	SP-12 29/06/2001 6 . 1 . 0	get it				
TS 06.20	Half Rate Speech Transcoding					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	Editorial correction 16/11/1998 6 . 0 . 1	get it	remarks - this release: #27: 6.0.0			
TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	remarks - this release: #27: 6.0.0			

G = required in systems with GERAN acces; U = required in systems with UMTS

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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: smg-26	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			
<hr/>						
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	TELECOM ITALIA S.p.A.		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	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	Indicate persons who left Company and wait for new		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino	One		
	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	TELECOM ITALIA S.p.A.		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	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	Indicate persons who left Company and wait for new		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino	One		
	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			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.60	Enhanced full rate speech transcoding					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	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 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	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 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	ETSI Publication 04/06/1999 6 . 0 . 1	get it	remarks - this release: #27: 6.0.0			
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TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
R97	current version: 6.1.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	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			
	ETSI Publication 09/05/2000 6 . 1 . 1	get it				
<hr/>						
TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	remarks - this release: #27: 6.0.0			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation
R97 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

R97 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
R97 *current version:* 6.1.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release:*

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 6.0.0

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 6.0.0

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Server ACTIVE specs R97 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release:

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
smg-27 16/10/1998 6 . 2 . 0
smg-29 25/06/1999 6 . 3 . 0
TP-05 08/10/1999 6 . 4 . 0
TP-11 06/04/2001 6 . 5 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-24 19/01/1998 2 . 0 . 0
draft 10/03/1998 2 . 2 . 0
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
smg-27 16/10/1998 6 . 2 . 0
smg-28 12/02/1999 6 . 3 . 0
TP-05 08/10/1999 6 . 4 . 0
TP-15 26/03/2002 6 . 5 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R97 *current version:* 6.5.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
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](#)

R97 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* Peter Skov
THOMASEN, Gert

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* Peter Skov
THOMASEN, Gert

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC:		get it	remarks - general: remarks - this release:
<hr/>						
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC:		get it	remarks - general: remarks - this release:
<hr/>						
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
R97	current version: 6.5.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version, smg-31b 17/04/2000 6 . 5 . 0	G: yes U:	MCC:		get it	remarks - general: remarks - this release:
<hr/>						
TS 08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0	G: yes U:	MCC:		get it	remarks - general: remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service					
R97	current version: 6.3.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
history (event, available, version,						
smg-25 20/03/1998	6 . 0 . 0	get it	remarks - general:			
smg-26 26/06/1998	6 . 1 . 0	get it	remarks - this release:			
smg-28 12/02/1999	6 . 2 . 0	get it				
smg-29 25/06/1999	6 . 3 . 0	get it				

TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol					
R97	current version: 6.8.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: BLACK, Jyoti	MOTOROLA		
		G: yes U:	MCC: THOMASEN, Gert			
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				
smg-31 16/02/2000	6 . 7 . 0	get it				
ETSI Publication 16/03/2000	6 . 7 . 1	get it				
GP-05 18/06/2001	6 . 8 . 0	get it				

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
R97	current version: 6.1.0 freeze_meeting: smg-26	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation		
		G: yes U:	MCC: BOSWARTHICK, David			
history (event, available, version,						
smg-27 16/10/1998	6 . 0 . 0	get it	remarks - general:			
NP-11 04/04/2001	6 . 1 . 0	get it	remarks - this release:			

TS 08.51	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
history (event, available, version,						
smg-27 16/10/1998	6 . 0 . 0	get it	remarks - general:			
			remarks - this release:			

G = required in systems with GERAN access; U = required in systems with UMTS

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TS 08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC:		get it remarks - general: remarks - this release:
<hr/>					
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC:		get it remarks - general: remarks - this release:
<hr/>					
TS 08.56	BSC-BTS Layer 2; Specification				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC:		get it remarks - general: remarks - this release:
<hr/>					
TS 08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification				
R97	current version: 6.3.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 smg-29 25/06/1999 6 . 2 . 0 smg-30 11/11/1999 6 . 3 . 0	G: yes U:	MCC:		get it remarks - general: get it remarks - this release: #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0 get it get it

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:*

TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
smg-27 18/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 18/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:*

R97 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios
R97 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-26 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02	Mobile Application Part (MAP) Specification						
R97	current version: 6.13.0		WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich		Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-26		G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,						
	smg-25 20/03/1998	6 . 0 . 0	get it	remarks - general: CN->N4 Apr00 (JMM)			
	smg-26 26/06/1998	6 . 1 . 0	get it	remarks - this release:			
	edito 09/09/1998	6 . 1 . 1	get it				
	smg-27 16/10/1998	6 . 2 . 0	get it				
	smg-28 12/02/1999	6 . 3 . 0	get it				
	smg-29 25/06/1999	6 . 4 . 0	get it				
	NP-05 08/10/1999	6 . 5 . 0	get it				
	NP-06 15/12/1999	6 . 6 . 0	get it				
	NP-07 15/03/2000	6 . 7 . 0	get it				
	NP-08 21/06/2000	6 . 8 . 0	get it				
	NP-09 08/11/2000	6 . 9 . 0	get it				
	NP-10 21/12/2000	6 . 10 . 0	get it				
	NP-11 06/04/2001	6 . 11 . 0	get it				
	NP-15 04/04/2002	6 . 12 . 0	get it				
	NP-19 07/04/2003	6 . 13 . 0	get it				

TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile						
R97	current version: Network (PLMN)	6.0.0	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David		ETSI Secretariat	
	freeze_meeting: smg-26		G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version,						
	smg-27 16/10/1998	6 . 0 . 0	get it	remarks - general: N3: "no R99 needed".			
				remarks - this release: #27: 6.0.0			

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)						
R97	current version: 6.0.0		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David		ETSI Secretariat	
	freeze_meeting: smg-26		G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version,						
	smg-27 16/10/1998	6 . 0 . 0	get it	remarks - general: N3: "no R99 needed".			
				remarks - this release: #27: 6.0.0			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0						get it	remarks - general: N3: "no R99 needed".	remarks - this release: #27: 6.0.0
<hr/>									
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
R97	current version: Switched Data Transmission Services 6.0.0	WG (prime / other):	N3	/-	rapporteur:	BOSWARTHICK, David			
ETSI Secretariat		G: yes	U:	MCC:	BOSWARTHICK, David				
	freeze_meeting: smg-26								
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0						get it	remarks - general: N3: "no R99 needed".	remarks - this release: #27: 6.0.0
<hr/>									
TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
R97	current version: Network (PSTN) 6.2.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert			
SIEMENS AG		G: yes	U:	MCC:	BOSWARTHICK, David				
	freeze_meeting: smg-26								
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 smg-29 25/06/1999 6 . 1 . 0 NP-06 15/12/1999 6 . 2 . 0						get it	remarks - general:	remarks - this release: #27: 6.0.0 #29: 6.1.0 N#6: 6.2.0
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND, Rouzbeh	Ericsson Incorporated			
	freeze_meeting: smg-26	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0						get it	remarks - general:	remarks - this release: #27: 6.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 09 .- series
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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	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	6.2.0	WG (prime / other):	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting:</i> smg-26		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>									
	smg-25	20/03/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
	smg-29	25/06/1999	6	.	1	.	0	get it	<i>remarks - this release:</i> #25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0
	NP-11	04/04/2001	6	.	2	.	0	get it	

TS 09.11	Signalling Interworking for Supplementary Services								
R97	<i>current version:</i> 6.0.0		WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>									
	smg-26	26/06/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> #26: 6.0.0

TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
R97	<i>current version:</i> 6.0.0		WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>									
	smg-27	16/10/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
									<i>remarks - this release:</i>

TS 09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification								
R97	<i>current version:</i> 6.1.0		WG (prime / other):	N1	/-	<i>rapporteur:</i>	MILLS, Duncan VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26		G: yes	U:		MCC:	JORGENSEN, Per Johan		
<i>history (event, available, version,</i>									
	smg-25	20/03/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
	smg-28	12/02/1999	6	.	1	.	0	get it	<i>remarks - this release:</i>

G = required in systems with GERAN access; U = required in systems with UMTS

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TS 09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification		
R97	current version: 6.7.0	WG (prime / other): N1 / -	rapporteur: MILLS, Duncan VODAFONE Group Plc
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan
history (event, available, version,			
smg-25	20/02/1998	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
NP-05	08/10/1999	6 . 5 . 0	get it
NP-07	15/03/2000	6 . 6 . 0	get it
NP-14	04/01/2002	6 . 7 . 0	get it

TS 09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface		
R97	current version: 6.13.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo TeliaSonera AB
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo
history (event, available, version,			
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
ETSI publication	03/11/1999	6 . 4 . 1	get it
NP-05	08/10/1999	6 . 5 . 0	get it
NP-06	15/12/1999	6 . 6 . 0	get it
ETSI publication	05/07/2000	6 . 6 . 1	get it
NP-07	15/03/2000	6 . 7 . 0	get it
ETSI publication		6 . 7 . 1	
NP-08	21/06/2000	6 . 8 . 0	get it
ETSI publication		6 . 8 . 1	
NP-09	31/10/2000	6 . 9 . 0	get it
NP-11	20/04/2001	6 . 10 . 0	get it
make figures visible	09/08/2001	6 . 10 . 1	get it
NP-13	03/10/2001	6 . 11 . 0	get it
NP-16	21/06/2002	6 . 12 . 0	get it
NP-18	07/01/2003	6 . 13 . 0	get it

G = required in systems with GERAN access; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)								
R97	current version: 6.10.0	WG (prime / other):	N3 / -	rapporteur:	WILD, Johanna	MOTOROLA Ltd			
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
<i>history (event, available, version,</i>									
	smg-25	20/03/1998	6 . 0 . 0		get it	remarks - general:			
	smg-26		6 . 1 . 0	not issued, w/proc compatibility probs		remarks - this release:			
	smg-26	26/06/1998	6 . 2 . 0		get it				
	smg-27	16/10/1998	6 . 3 . 0		get it				
	smg-30	11/11/1999	6 . 4 . 0		get it				
	NP-13	12/10/2001	6 . 5 . 0		get it				
	NP-14	14/01/2002	6 . 6 . 0		get it				
	NP-15	20/03/2002	6 . 7 . 0		get it				
	NP-16	02/07/2002	6 . 8 . 0		get it				
	NP-18	09/01/2003	6 . 9 . 0		get it				
	NP-19	27/03/2003	6 . 10 . 0		get it				
<hr/>									
TS 09.78	CAMEL Application Part phase 2 (stage 3)								
R97	current version: 6.5.0	WG (prime / other):	N2 / -	rapporteur:	NOLDUS, Rogier	Telefon AB LM Ericsson			
	freeze_meeting: smg-26	G: yes	U:	MCC:	JURISIC, Andrijana				
<i>history (event, available, version,</i>									
	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				
	NP-08	21/06/2000	6 . 5 . 0		get it				
<hr/>									
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
R97	current version: 6.1.1	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: smg-24	G: yes	U:	MCC:	Peter Skov JORGENSEN, Per Johan				
<i>history (event, available, version,</i>									
	smg-27		6 . 0 . 0	withdrawn SMG-30; ; reinstated NP-16		remarks - general:			
	NP-16	26/06/2002	6 . 1 . 0		get it	remarks - this release:	2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.		
	edito post NP-18	16/12/2002	6 . 1 . 1	minor editorials to change style from TS to TR.	get it				

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.95 Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles

R97 *current version:* 6.3.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: *MCC:* USAI, Paolino

history (event, available, version,

GP-04	20/04/2001	6	.	0	.	0
GP-07	04/01/2002	6	.	1	.	0
GP-08	19/02/2002	6	.	2	.	0
GP-12	03/01/2003	6	.	3	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

R97 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R97 *current version:* 6.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

smg-28	12/02/1999	6	.	0	.	0
NP-05	08/10/1999	6	.	1	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #28: 6.0.0 TSG#5:6.1.0

R97 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R97 *current version:* 6.4.0 *WG (prime / other):* G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-26

history (event, available, version,
smg-28 12/02/1999 6 . 0 . 0
smg-29 25/06/1999 6 . 1 . 0
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.
smg-30 11/11/1999 6 . 2 . 0
smg-31 16/02/2000 6 . 3 . 0
Editorial correction 16/02/2000 6 . 3 . 1
GP-06 06/09/2001 6 . 4 . 0

G: yes U: *MCC:* CLAYTON, Michael

remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently
remarks - this release: #31bis: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R97 *current version:* 6.3.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-32 *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
smg-28 12/02/1999 6 . 2 . 0
smg-32 16/03/2000 6 . 3 . 0
smg-31 16/02/2000 6 . 3 . 0

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R97 *current version:* 6.3.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-32 *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
smg-28 12/02/1999 6 . 2 . 0
smg-32 16/03/2000 6 . 3 . 0
smg-31 16/02/2000 6 . 3 . 0

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Server ACTIVE specs R97 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface								
R97	<i>current version:</i> 6.3.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One					
	<i>history (event, available, version,</i> smg-25 20/03/1998 6 . 0 . 0 smg-26 26/06/1998 6 . 1 . 0 smg-27 16/10/1998 6 . 2 . 0 smg-28 12/02/1999 6 . 3 . 0	G: yes U:	<i>MCC:</i> DIETZE, Claus						
			get it	<i>remarks - general:</i>					
			get it	<i>remarks - this release:</i> (smg-31:6.4.0 but CR later withdrawn)					
			get it						
			get it						

TS 11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters								
R97	<i>current version:</i> 6.0.1 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT,						
	<i>history (event, available, version,</i> GP-09 06/05/2002 6 . 0 . 0 edito (correction 18/06/2002 6 . 0 . 1 of version on	G: yes U:	<i>MCC:</i> USAI, Paolino						
			get it	<i>remarks - general:</i>					
			get it	<i>remarks - this release:</i> GP-09 (Usai) created to fill the Release gap.					

R97 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05	Subscriber Related Call and Event Data								
R97	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> ALEXANDER, Benni	NOKIA Corporation					
	<i>history (event, available, version,</i> smg-27 16/10/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0	G: yes U:	<i>MCC:</i> ZOICAS, Adrian						
			get it	<i>remarks - general:</i>					
			get it	<i>remarks - this release:</i>					

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Server ACTIVE specs R97 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.11	Fault management of the Base Station System (BSS)					
R97	<i>current version:</i> 6.3.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S5 / S1 / GP	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>history (event, available, version,</i> smg-26 26/06/1998 6 . 0 . 0 smg-27 16/10/1998 6 . 1 . 0 smg-28 12/02/1999 6 . 2 . 0 smg-29 25/06/1999 6 . 3 . 0	G: yes U:	<i>MCC:</i> ZOICAS, Adrian		get it <i>remarks - general:</i> get it <i>remarks - this release:</i> get it get it	
<hr/>						
TS 12.15	General Packet Radio Service (GPRS); GPRS Charging					
R97	<i>current version:</i> 6.3.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ALEXANDER, Benni	NOKIA Corporation		
	<i>history (event, available, version,</i> smg-27 16/10/1998 6 . 1 . 0 smg-28 12/02/1999 6 . 2 . 0 SP-18 07/01/2003 6 . 3 . 0	G: yes U:	<i>MCC:</i> ZOICAS, Adrian		get it <i>remarks - general:</i> get it <i>remarks - this release:</i> get it	
<hr/>						
TS 12.21	Network Management (NM) procedures and messages on the A-bis interface					
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G1 / S5	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>history (event, available, version,</i> GP-09 06/05/2002 6 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino		get it <i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur. <i>remarks - this release:</i> GP-09 (Usai) created to fill the Release gap.	

R96

R96

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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Server ACTIVE specs R96 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system								
R96	current version: 5.0.0 freeze_meeting:	WG (prime / other): SP / -	rapporteur: MEREDITH, John M	ETSI Secretariat					
	history (event, available, version, SP-20 25/06/2003 5 . 0 . 0	G: yes U:	MCC: POPE, Maurice						
		get it	remarks - general: post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for						
			remarks - this release: . backwards extension to earlier releases.						
<hr/>									
TS 01.02	General Description of a GSM Public Land Mobile Network (PLMN)								
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): S1 / GP / NP	rapporteur: JORGENSEN, Niels H.	TDC TELE DANMARK A/S					
	history (event, available, version, smg-17 02/02/1996 5 . 0 . 0	G: yes U:	MCC: CLAYTON, Michael						
		get it	remarks - general:						
			remarks - this release:						
<hr/>									
TR 01.04	Abbreviations and acronyms								
R96	current version: 5.0.2 freeze_meeting: smg-22	WG (prime / other): GP / -	rapporteur: CLAYTON, Michael	EMCOM Ltd					
	history (event, available, version, smg-17 02/02/1996 5 . 0 . 0 smg-20 11/10/1996 5 . 0 . 1 ETSI publication 30/10/2001 5 . 0 . 2	G: yes U:	MCC: USAI, Paolino						
		get it	remarks - general:						
		get it	remarks - this release:						
		get it							
<hr/>									
TS 01.48	ISDN-based DECT/GSM interworking; Feasibility study								
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): S1 / -	rapporteur: GRAETZ, Ingeborg	SIEMENS AG					
	history (event, available, version, smg-19 28/06/1996 5 . 0 . 0 smg-20 11/11/1996 5 . 0 . 1	G: yes U:	MCC: CLAYTON, Michael						
		get it	remarks - general:						
		get it	remarks - this release:						

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02 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)					
R96	current version: 5.5.0 freeze_meeting: smg-22	WG (prime / other): S1 / - G: yes U:	rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael		NOKIA Corporation	
<i>history (event, available, version,</i>						
	smg-16 20/10/1995	5 . 0 . 0	get it	remarks - general:		
	smg-17 02/02/1996	5 . 1 . 0	get it	remarks - this release:		
	smg-20 11/10/1996	5 . 2 . 0	get it			
	smg-24 19/12/1997	5 . 3 . 0	get it			
	smg-26 26/06/1998	5 . 4 . 0	get it			
	smg-29 25/06/1999	5 . 5 . 0	get it			
<hr/>						
TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)					
R96	current version: 5.3.2 freeze_meeting: smg-22	WG (prime / other): S1 / - G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited	
<i>history (event, available, version,</i>						
	smg-16 20/10/1995	5 . 0 . 0	get it	remarks - general:		
	smg-18 12/04/1996	5 . 1 . 0	get it	remarks - this release:		
	smg-20 11/10/1996	5 . 2 . 0	get it			
ETSI publication	02/05/1997	5 . 2 . 1	get it			
	smg-22 13/06/1997	5 . 3 . 0	get it			
ETSI OAP	21/07/1997	5 . 3 . 1	get it			
ETSI publication	31/12/1997	5 . 3 . 2	get it			
<hr/>						
TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
R96	current version: 5.3.2 freeze_meeting: smg-22	WG (prime / other): S1 / - G: yes U:	rapporteur: CONRAD, Alan MCC: CLAYTON, Michael		T-MOBILE DEUTSCHLAND	
<i>history (event, available, version,</i>						
	smg-17 02/02/1997	5 . 0 . 0	get it	remarks - general:		
	smg-19 28/06/1996	5 . 1 . 0	get it	remarks - this release:		
	smg-20 11/10/1996	5 . 1 . 1	get it			
ETSI publication	02/05/1997	5 . 1 . 2	get it			
	smg-21 14/02/1997	5 . 2 . 0	get it			
ETSI publication	26/08/1997	5 . 2 . 1	get it			
	smg-22 13/06/1997	5 . 3 . 0	get it			
ETSI OAP	21/07/1997	5 . 3 . 1	get it			
ETSI publication	14/01/1998	5 . 3 . 2	get it			

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.04 General on Supplementary Services

R96 current version: 5.7.4
freeze_meeting: smg-22

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul
G: yes U: MCC: CLAYTON, Michael

Research In Motion Limited

history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0
smg-17 02/02/1996 5 . 1 . 0
smg-18 14/04/1996 5 . 2 . 0
smg-19 28/06/1996 5 . 3 . 0
smg-20 11/10/1996 5 . 4 . 0
ETSI publication 02/05/1997 5 . 4 . 1
smg-21 14/02/1997 5 . 5 . 0
ETSI publication 28/08/1997 5 . 5 . 1
smg-22 13/06/1997 5 . 6 . 0
ETSI OAP 19/09/1997 5 . 6 . 1
ETSI publication 27/02/1998 5 . 6 . 2
smg-23 17/10/1997 5 . 7 . 0
smg-25 20/03/1998 5 . 7 . 1
ETSI publication 01/02/1998 5 . 7 . 2
smg-29 25/06/1999 5 . 7 . 3
ETSI publication 29/12/1999 5 . 7 . 4

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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TS 02.06 Types of Mobile Stations (MS)

R96 current version: 5.2.1
freeze_meeting: smg-22

WG (prime / other): S1 / - rapporteur: JEAL, David
G: yes U: MCC: CLAYTON, Michael

VODAFONE Group Plc

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
ETSI publication 02/05/1997 5 . 0 . 1
smg-21 14/02/1997 5 . 1 . 0
ETSI publication 26/08/1997 5 . 1 . 1
smg-28 12/02/1999 5 . 2 . 0
ETSI publication 04/08/1999 5 . 2 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)

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TS 02.07 Mobile Station (MS) Features

R96 *current version:* 5.4.1
freeze_meeting: smg-22
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](#)

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael

TS 02.09 Security aspects

R96 *current version:* 5.2.1
freeze_meeting: smg-22
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 [get it](#)

WG (prime / other): S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
G: yes U: *MCC:* POPE, Maurice

TS 02.11 Service Accessibility

R96 *current version:* 5.0.1
freeze_meeting: smg-22
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:*

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
G: yes U: *MCC:* CLAYTON, Michael

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R96 02 .- series
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TS 02.16 International Mobile Station Equipment Identities (IMEI)

R96 *current version:* 5.2.0 *freeze_meeting:* smg-22 *WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom
G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 5 . 1 . 0 [get it](#) *remarks - this release:*
SP-08 23/06/2000 5 . 2 . 0 [get it](#)

TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

R96 *current version:* 5.1.1 *freeze_meeting:* smg-22 *WG (prime / other):* T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD
G: yes U: *MCC:* DIETZE, Claus
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-27 16/10/1998 5 . 1 . 0 [get it](#)
ETSI publication 08/04/1999 5 . 1 . 1 [get it](#)

TS 02.22 Stage 1 for personalisation of GSM ME

R96 *current version:* 5.4.0 *freeze_meeting:* smg-22 *WG (prime / other):* S1 / *rapporteur:* DURAND, Romain ALCATEL S.A.
G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 2 . 0 [get it](#)
smg-23 17/10/1997 5 . 3 . 0 [get it](#)
smg-25 20/03/1998 5 . 3 . 1 [get it](#)
smg-26 26/06/1998 5 . 4 . 0 [get it](#)

TS 02.24 Description of Charge Advice Information (CAI)

R96 *current version:* 5.0.1 *freeze_meeting:* smg-22 *WG (prime / other):* S1 / *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)
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:*

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96 *current version:* 5.7.1
freeze_meeting: smg-22
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [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 . 3 . 1 [get it](#)
ETSI publication 02/05/1997 5 . 3 . 2 [get it](#)
smg-21 14/02/1997 5 . 4 . 0 [get it](#)
ETSI publication 26/08/1997 5 . 4 . 1 [get it](#)
smg-22 13/06/1997 5 . 5 . 0 [get it](#)
ETSI OAP 19/09/1997 5 . 5 . 1 [get it](#)
ETSI publication 27/02/1998 5 . 5 . 2 [get it](#)
smg-23 17/10/1997 5 . 6 . 0 [get it](#)
edito 06/01/1998 5 . 6 . 1 [get it](#)
smg-24 19/12/1997 5 . 6 . 2 [get it](#)
smg-28 12/02/1999 5 . 7 . 0 [get it](#)
ETSI publication 04/08/1999 5 . 7 . 1 [get it](#)

TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R96 *current version:* 5.2.1
freeze_meeting: smg-22
history (event, available, version,
draft 31/10/1995 0 . 0 . 0 [get it](#) *remarks - general:*
draft 13/02/1996 0 . 1 . 0 [get it](#) *remarks - this release:*
draft 19/06/1996 0 . 2 . 0 [get it](#)
draft 13/02/1996 0 . 5 . 0 [get it](#)
smg-20 09/10/1996 5 . 0 . 0 [get it](#)
ETSI publication 28/11/1996 5 . 0 . 1 [get it](#)
smg-21 14/02/1997 5 . 1 . 0 [get it](#)
smg-22 13/06/1997 5 . 2 . 0 [get it](#)
ETSI publication 04/08/1997 5 . 2 . 1 [get it](#)

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.40	Procedures for Call Progress Indications					
R96	current version: 5.0.0	WG (prime / other): S1 / NP	rapporteur: DWYER, Paul		NORTEL NETWORKS (EUROPE)	
	freeze_meeting: smg-22	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general:	remarks - this release:
<hr/>						
TS 02.41	Operator Determined Barring					
R96	current version: 5.1.1	WG (prime / other): S1 /	rapporteur: ...,		BUNDESMINISTERIUM FUR WIRTSCHAFT	
	freeze_meeting: smg-22	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-16 20/10/1995 5 . 0 . 0 smg-21 14/02/1997 5 . 1 . 0 smg-24 19/12/1997 5 . 1 . 1			get it get it get it	remarks - general: remarks - this release:	
<hr/>						
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R96	current version: 5.1.0	WG (prime / other): S1 /	rapporteur: GILES, Les		Union Internationale des Chemins de Fer	
	freeze_meeting: smg-22	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-19 28/06/1996 5 . 0 . 0 edito 08/10/1996 5 . 0 . 1 smg-24 19/12/1997 5 . 1 . 0			get it get it get it	remarks - general: remarks - this release:	
<hr/>						
TS 02.63	Packet Data on Signalling channels Service (PDS); Stage 1					
R96	current version: 5.0.0	WG (prime / other): S1 / -	rapporteur: CONRAD, Alan		T-MOBILE DEUTSCHLAND	
	freeze_meeting: smg-22	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-19 28/06/1996 5 . 0 . 0			get it	remarks - general:	remarks - this release:

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Server ACTIVE specs R96 02 .- series
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TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 28/06/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 0 . 2 [get it](#)
ETSI publication 03/06/1997 5 . 0 . 3 [get it](#)
smg-22 13/06/1997 5 . 0 . 4 [get it](#)
edito 05/12/1997 5 . 0 . 5 [get it](#)
smg-29 25/06/1999 5 . 1 . 0 [get it](#)
ETSI publication 29/12/1999 5 . 1 . 1 [get it](#)

TS 02.68 Voice Group Call Service (VGCS); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 1 . 1 [get it](#)
smg-21 14/02/1997 5 . 1 . 2 [get it](#)
smg-22 13/06/1997 5 . 1 . 3 [get it](#)
smg-26 26/06/1998 5 . 2 . 0 [get it](#)
publish ETS 300 01/12/1998 5 . 2 . 1 [get it](#)
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TS 02.69 Voice Broadcast Service (VBS); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *remarks - this release: #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0*
smg-20 11/10/1996 5 . 1 . 1 [get it](#)
smg-21 14/02/1997 5 . 1 . 2 [get it](#)
smg-22 13/06/1997 5 . 1 . 3 [get it](#)
smg-26 26/06/1998 5 . 2 . 0 [get it](#)
ETSI publication 01/12/1998 5 . 2 . 1 [get it](#)

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TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)				
R96	<i>current version:</i> 5.6.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> GRECH, Michel <i>MCC:</i> CLAYTON, Michael		Lucent Technologies Network Systems UK
	<i>history (event, available, version,</i>				
	smg-19 28/06/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-20 11/10/1996 5 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-21 14/02/1997 5 . 1 . 1	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			
	smg-26 26/06/1998 5 . 5 . 0	get it			
	smg-28 12/02/1999 5 . 6 . 0	get it			
<hr/>					
TS 02.79	Support of Optimal Routing (SOR); Service definition (Stage 1)				
R96	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> FREY, Sophie <i>MCC:</i> CLAYTON, Michael		Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i>				
	smg-19 28/06/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-20 11/10/1996 5 . 1 . 0	get it	<i>remarks - this release:</i> #19: 5.0.0 #20: 5.1.0 #28: 5.2.0		
	smg-28 12/02/1999 5 . 2 . 0	get it			
<hr/>					
TS 02.81	Line Identification Supplementary Services; Stage 1				
R96	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> BLOMSTRAND, Ola <i>MCC:</i> CLAYTON, Michael		TeliaSonera AB
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-24 19/12/1997 5 . 1 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0 #24: 5.1.0		
<hr/>					
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1				
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> EVEN, Anne <i>MCC:</i> CLAYTON, Michael		France Telecom
	<i>history (event, available, version,</i>				
	smg-16 20/10/1995 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #16: 5.0.0		

G = required in systems with GERAN access; U = required in systems with UMTS

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TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1								
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): S1 / - G: yes U:	rapporteur: JORGENSEN, Niels H. MCC: CLAYTON, Michael	TDC TELE DANMARK A/S					
history (event, available, version, smg-20 11/10/1996 5 . 0 . 0		get it	remarks - general: remarks - this release: #20: 5.0.0						
<hr/>									
TS 02.84	MultiParty (MPPTY) Supplementary Services; Stage 1								
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): S1 / - G: yes U:	rapporteur: POSTMANN, Erwin MCC: CLAYTON, Michael	SIEMENS AG					
history (event, available, version, smg-20 11/10/1996 5 . 0 . 0		get it	remarks - general: remarks - this release: #20: 5.0.0						
<hr/>									
TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1								
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): S1 / - G: yes U:	rapporteur: BLOMSTRAND, Ola MCC: CLAYTON, Michael	TeliaSonera AB					
history (event, available, version, smg-20 11/10/1996 5 . 0 . 0		get it	remarks - general: remarks - this release: #20: 5.0.0						
<hr/>									
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1								
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): S1 / - G: yes U:	rapporteur: CRAWFORD, Ian MCC: CLAYTON, Michael	VODAFONE Group Plc					
history (event, available, version, smg-20 11/10/1996 5 . 0 . 0		get it	remarks - general: remarks - this release: #20: 5.0.0						
<hr/>									
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1								
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): S1 / - G: yes U:	rapporteur: CONRAD, Alan MCC: CLAYTON, Michael	T-MOBILE DEUTSCHLAND					
history (event, available, version, smg-20 11/10/1996 5 . 0 . 0		get it	remarks - general: remarks - this release: #20: 5.0.0						

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TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R96 *current version:* 5.1.0 *WG (prime / other):* S1 / - *rapporteur:* SLOTTE, Sverre NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0

TS 02.91 Explicit Call Transfer (ECT)

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* POSTMANN, Erwin SIEMENS AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-16 20/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.0.1 #19: 5.1.0 #21: 5.1.1
smg-19 28/06/1996 5 . 1 . 0 [get it](#)
smg-21 14/02/1997 5 . 1 . 1 [get it](#)

TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R96 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-18 12/04/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #16: 5.0.0 #18: 5.1.0 #19: 5.2.0
smg-19 28/06/1996 5 . 2 . 0 [get it](#)

R96

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R96 *current version:* 5.1.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
smg-18 12/04/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #18: 5.1.0

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Server ACTIVE specs R96 03 .- series
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TS 03.02	Network Architecture								
R96	<i>current version:</i> 5.3.0			<i>WG (prime / other):</i> S2 / NP / T2	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM			
	<i>freeze_meeting:</i> smg-22			G: yes U:	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	smg-17 02/02/1996	5	.	0	.	0	get it	<i>remarks - general:</i>	
	smg-18 12/04/1996	5	.	1	.	0	get it	<i>remarks - this release:</i> #17: 5.0.0 #18: 5.1.0 #23: 5.2.0 #24: 5.3.0	
	smg-23 17/10/1997	5	.	2	.	0	get it		
	smg-24 19/12/1997	5	.	3	.	0	get it		

TS 03.03	Numbering, Addressing and Identification								
R96	<i>current version:</i> 5.4.1			<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD			
	<i>freeze_meeting:</i> smg-22			G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	smg-17	5	.	0	.	0		<i>remarks - general:</i>	
	ETSI OAP 25/11/1996	5	.	0	.	1	get it	<i>remarks - this release:</i>	
	ETSI publication 02/05/1997	5	.	0	.	2	get it		
	smg-25 20/03/1998	5	.	1	.	0	get it		
	ETSI publication 23/10/1998	5	.	1	.	1	get it		
	smg-29 26/05/1999	5	.	2	.	0	get it		
	ETSI publication 22/11/1999	5	.	2	.	1	get it		
	NP-07 15/03/2000	5	.	3	.	0	get it		
	ETSI publication 15/11/2000	5	.	3	.	1	get it		
	NP-08 21/06/2000	5	.	4	.	0	get it		
	ETSI publication 04/01/2001	5	.	4	.	1	get it		

TR 03.05	Technical performance objectives								
R96	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> smg-22			G: yes U:	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996	5	.	0	.	0	get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i> #20: 5.0.0	

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TS 03.07	Restoration Procedures					
R96	current version: 5.1.0 freeze_meeting: smg-22	WG (prime / other): N4 / -	rapporteur: PARK, Ian David Chalmers	VODAFONE LTD		
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 smg-23 17/10/1997 5 . 1 . 0	G: yes U:	MCC: KYMALAINEN, Kimmo			
		get it	remarks - general:			
		get it	remarks - this release:			
TS 03.08	Organization of Subscriber Data					
R96	current version: 5.2.0 freeze_meeting: smg-22	WG (prime / other): N4 / -	rapporteur: BAUER, Rolf Chalmers	ALCATEL SEL AG		
	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	G: yes U:	MCC: KYMALAINEN, Kimmo			
		get it	remarks - general:			
		get it	remarks - this release:			
		get it				
TS 03.09	Handover Procedures					
R96	current version: 5.1.0 freeze_meeting: smg-22	WG (prime / other): N1 / -	rapporteur: FARHOUMAND, Rouzbeh	Ericsson Incorporated		
	history (event, available, version, smg-18 12/04/1996 5 . 0 . 0 smg-22 13/06/1997 5 . 1 . 0	G: yes U:	MCC: JORGENSEN, Per Johan			
		get it	remarks - general:			
		get it	remarks - this release: #18: 5.0.0 #22: 5.1.0			
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R96	current version: 5.4.0 freeze_meeting: smg-22	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	history (event, available, version, smg-16 20/10/1995 5 . 0 . 0 smg-21 14/02/1997 5 . 1 . 0 smg-22 13/06/1997 5 . 2 . 0 smg-23 17/10/1997 5 . 3 . 0 smg-24 19/12/1997 5 . 4 . 0	G: yes U:	MCC: BOSWARTHICK, David			
		get it	remarks - general:			
		get it	remarks - this release:			
		get it				
		get it				
		get it				

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TS 03.11	Technical Realization of Supplementary Services - General Aspects					
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: HABERMANN, Steffen MCC: KYMALAINEN, Kimmo	T-MOBILE DEUTSCHLAND		
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 ETSI publication 03/06/1997 5 . 0 . 1	get it get it	remarks - general: remarks - this release:			
TS 03.12	Location Registration Procedures					
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	TeliaSonera AB		
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general: remarks - this release: #20: 5.0.0			
TS 03.13	Discontinuous Reception (DRX) in the GSM System					
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): G1 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino	TELECOM ITALIA S.p.A.		
	history (event, available, version, smg-17 02/02/1996 5 . 0 . 0	get it	remarks - general: remarks - this release: #17: 5.0.0			
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): N1 / - G: yes U:	rapporteur: ZAUS, Robert MCC: JORGENSEN, Per Johan	SIEMENS AG		
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general: remarks - this release: #20: 5.0.0			
TS 03.15	Technical Realization of Operator Determined Barring					
R96	current version: 5.1.0 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: PARK, Ian David Chalmers MCC: KYMALAINEN, Kimmo	VODAFONE LTD		
	history (event, available, version, smg-16 20/10/1995 5 . 0 . 0 smg-21 14/02/1997 5 . 1 . 0	get it get it	remarks - general: remarks - this release: #16: 5.0.0 #21: 5.1.0			

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TS 03.16	Subscriber Data Management				
R96	current version: 5.3.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-18 12/04/1996 5 . 0 . 0	get it	remarks - general:		
	smg-21 14/02/1997 5 . 1 . 0	get it	remarks - this release: #18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0		
	smg-23 17/10/1997 5 . 2 . 0	get it			
	smg-26 26/06/1998 5 . 3 . 0	get it			
<hr/>					
TS 03.18	Basic Call Handling				
R96	current version: 5.6.0	WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD	
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-21 14/02/1997 5 . 0 . 0	get it	remarks - general:		
	smg-22 13/06/1997 5 . 1 . 0	get it	remarks - this release:		
	smg-23 17/10/1997 5 . 2 . 0	get it			
	smg-24 19/12/1997 5 . 3 . 0	get it			
	smg-25 20/03/1998 5 . 4 . 0	get it			
	smg-26 26/06/1998 5 . 5 . 0	get it			
	smg-27 16/10/1998 5 . 6 . 0	get it			
<hr/>					
TS 03.20	Security-related Network Functions				
R96	current version: 5.2.1	WG (prime / other): S3 / NP / GP	rapporteur: NGUYEN NGOC, Sebastien	France Telecom	
	freeze_meeting: smg-22	G: yes U:	MCC: POPE, Maurice		
	history (event, available, version,				
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:		
	smg-21 14/02/1997 5 . 1 . 0	get it	remarks - this release: SMG#29: CRs but postponed, then forgotten!		
	smg-23 17/10/1997 5 . 2 . 0	get it			
	smg-29 25/06/1999 5 . 2 . 1	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
R96	<i>current version:</i> 5.3.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov USAI, Paolino		MOTOROLA A/S	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i>			
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and			
	ETSI publication 03/06/1997 5 . 0 . 1	get it	<i>remarks - this release:</i> group receive mode".			
	smg-21 14/02/1997 5 . 1 . 0	get it				
	ETSI publication 15/09/1997 5 . 1 . 1	get it				
	smg-22 13/06/1997 5 . 2 . 0	get it				
	ETSI publication 31/12/1997 5 . 2 . 1	get it				
	smg-26 26/06/1998 5 . 3 . 0	get it				
	ETSI publication 10/12/1998 5 . 3 . 1	get it				
<hr/>						
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
R96	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov USAI, Paolino		MOTOROLA A/S	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i>			
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-22 13/06/1997 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-23 17/10/1997 5 . 2 . 0	get it				
<hr/>						
TR 03.30	Radio Network Planning Aspects					
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf USAI, Paolino		TeliaSonera AB	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i>			
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #20: 5.0.0			
<hr/>						
TS 03.32	Universal Geographical Area Description (GAD)					
R96	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain YOON, Sang-Ui		SOURCE COM	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i>			
	smg-23 17/10/1997 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-26 26/06/1998 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-27 16/10/1998 5 . 2 . 0	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 03 .- series
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TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R96 current version: 5.2.0
freeze_meeting: smg-22

WG (prime / other): N1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation
G: yes U: MCC: JORGENSEN, Per Johan

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

[get it](#) remarks - general:
[get it](#) remarks - this release: #21: 5.0.0 #26: 5.1.0 #28: 5.2.0
[get it](#)

TS 03.38 Alphabets and language-specific information

R96 current version: 5.6.1
freeze_meeting: smg-22

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Research In Motion Limited
G: yes U: MCC: RODERMUND, Friedhelm

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 5 . 4 . 1
smg-21 14/02/1997 5 . 5 . 0
ETSI publication 5 . 5 . 1
smg-22 13/06/1997 5 . 6 . 0
Editorial correction 13/07/1997 5 . 6 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release: #16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0
[get it](#)
[get it](#)
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[get it](#)

TS 03.40 Technical realization of the Short Message Service (SMS)

R96 current version: 5.8.1
freeze_meeting: smg-22

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Research In Motion Limited
G: yes U: MCC: RODERMUND, Friedhelm

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

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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G = required in systems with GERAN access; U = required in systems with UMTS

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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 Research In Motion Limited
freeze_meeting: smg-22 *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](#)

TS 03.42 SMS Compression

R96 *current version:* 5.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
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:*
smg-23 17/10/1997 5 . 2 . 0 [get it](#)

TR 03.43 Support of Videotex

R96 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs R96 03 .- series
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TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH					
		G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i>					
<hr/>									
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
R96	<i>current version:</i> 5.2.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
		G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>					
	ETSI publication 02/05/1997 5 . 0 . 1		get it	<i>remarks - this release:</i>					
	smg-21 14/02/1997 5 . 1 . 0		get it						
	ETSI publication 26/08/1997 5 . 1 . 1		get it						
	smg-22 13/06/1997 5 . 2 . 0		get it						
	ETSI publication 02/02/1998 5 . 2 . 1		get it						
<hr/>									
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
		G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i>					
<hr/>									
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)								
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH					
		G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i>					

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TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)				
R96	<i>current version:</i> 5.7.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	smg-16 20/10/1995 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-18 12/04/1996 5 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-19 28/06/1996 5 . 2 . 0	get it			
	smg-20 11/10/1996 5 . 3 . 0	get it			
	smg-21 14/02/1997 5 . 4 . 0	get it			
	smg-22 13/06/1997 5 . 5 . 0	get it			
	smg-23 17/10/1997 5 . 6 . 0	get it			
	smg-24 19/12/1997 5 . 7 . 0	get it			
<hr/>					
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
R96	<i>current version:</i> 5.4.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-17 02/02/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-20 11/10/1996 5 . 0 . 1	get it	<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	get it			
	smg-25 20/03/1998 5 . 1 . 0	get it			
	smg-27 16/10/1998 5 . 2 . 0	get it			
	smg-28 12/02/1999 5 . 3 . 0	get it			
	smg-32 20/06/2000 5 . 4 . 0	get it			
<hr/>					
TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2				
R96	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-23 17/10/1997 5 . 1 . 0	get it	<i>remarks - general:</i>		
	smg-24 19/12/1997 5 . 2 . 0	get it	<i>remarks - this release:</i> #23: 5.1.0 #24: 5.2.0		

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TS 03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2								
R96	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	JACOBSOHN, Dieter	T-MOBILE DEUTSCHLAND			
	freeze_meeting: smg-22	G: yes U:		MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-16 20/10/1995 5 . 0 . 0			get it	remarks - general:				
	smg-18 12/04/1996 5 . 1 . 0			get it	remarks - this release:				
<hr/>									
TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2								
R96	current version: 5.1.1	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG			
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-16 20/10/1995 5 . 0 . 0			get it	remarks - general:				
	smg-20 11/10/1996 5 . 1 . 0			get it	remarks - this release:				
	ETSI publication 03/06/1997 5 . 1 . 1			get it					
<hr/>									
TS 03.68	Voice Group Call Service (VGCS); Stage 2								
R96	current version: 5.5.1	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: smg-22	G: yes U:		MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-16 20/10/1995 5 . 0 . 0			get it	remarks - general:				
	smg-18 12/04/1996 5 . 1 . 0			get it	remarks - this release: #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0				
	smg-20 11/10/1996 5 . 1 . 1			get it					
	ETSI publication 03/06/1997 5 . 1 . 2			get it					
	smg-21 14/02/1997 5 . 2 . 0			get it					
	ETSI publication 26/08/1997 5 . 2 . 1			get it					
	smg-23 17/10/1997 5 . 3 . 0			get it					
	ETSI publication 07/04/1998 5 . 3 . 1			get it					
	smg-24 19/12/1997 5 . 4 . 0			get it					
	ETSI publication 23/07/1998 5 . 4 . 1			get it					
	smg-26 26/06/1998 5 . 5 . 1			get it					

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TS 03.69 Voice Broadcast service (VBS); Stage 2

R96 current version: 5.5.1
freeze_meeting: smg-22

WG (prime / other): N1 / - rapporteur: MÜNNING, Dirk DETECON GMBH
G: yes U: MCC: JORGENSEN, Per Johan

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

[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: smg-22

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat
G: yes U: MCC: BOSWARTHICK, David

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0
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[get it](#)

remarks - general: N3: "no R99 needed".

remarks - this release: #20: 5.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 03 .- series
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TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R96 *current version:* 5.8.0 *WG (prime / other):* N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version,
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 23/04/1997 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-22 13/06/1997 5 . 1 . 0 [get it](#)
smg-23 17/10/1997 5 . 2 . 0 [get it](#)
smg-24 19/12/1997 5 . 3 . 0 [get it](#)
edito 19/01/1998 5 . 3 . 1 [get it](#)
ETSI publication 30/01/1998 5 . 3 . 2 [get it](#)
smg-25 20/03/1998 5 . 4 . 0 [get it](#)
smg-26 26/06/1998 5 . 5 . 0 [get it](#)
smg-27 16/10/1998 5 . 6 . 0 [get it](#)
smg-28 12/02/1999 5 . 7 . 0 [get it](#)
smg-29 25/06/1999 5 . 8 . 0 [get it](#)

TS 03.79 Support of Optimal Routing phase 1; Stage 2

R96 *current version:* 5.5.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
Chalmers

history (event, available, version,
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 02/05/1997 5 . 0 . 1 [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
smg-22 13/06/1997 5 . 1 . 0 [get it](#)
smg-24 19/12/1997 5 . 2 . 0 [get it](#)
smg-25 20/03/1998 5 . 3 . 0 [get it](#)
smg-27 16/10/1998 5 . 4 . 0 [get it](#)
NP-05 08/10/1999 5 . 5 . 0 [get it](#)

TS 03.81 Line Identification Supplementary Services; Stage 2

R96 *current version:* 5.2.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-24 19/12/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #24: 5.1.0 #26: 5.2.0
smg-26 26/06/1998 5 . 2 . 0 [get it](#)

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TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2				
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	TeliaSonera AB	
history (event, available, version, smg-20 11/10/1996 5 . 0 . 0		get it	remarks - general: remarks - this release: #20: 5.0.0		
<hr/>					
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2				
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: SHARP, Iain MCC: KYMALAINEN, Kimmo	NORTEL NETWORKS (EUROPE)	
history (event, available, version, smg-20 11/10/1996 5 . 0 . 0		get it	remarks - general: remarks - this release: #20: 5.0.0		
<hr/>					
TS 03.84	Multi Party (MPY) Supplementary Services; Stage 2				
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: HABERMANN, Steffen MCC: KYMALAINEN, Kimmo	T-MOBILE DEUTSCHLAND	
history (event, available, version, smg-20 11/10/1996 5 . 0 . 0		get it	remarks - general: remarks - this release: #20: 5.0.0		
<hr/>					
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2				
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
history (event, available, version, smg-20 11/10/1996 5 . 0 . 0		get it	remarks - general: remarks - this release:		
<hr/>					
TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2				
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 ETSI Publication 28/11/2000 5 . 0 . 1		get it get it	remarks - general: remarks - this release: #20: 5.0.0		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.88 Call Barring (CB) supplementary services; Stage 2

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: *MCC:* KYMALAINEN, Kimmo

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[get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 03.90 Unstructured Supplementary Service Data (USSD)

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* CHOTAI, Sunil
G: yes U: *MCC:* KYMALAINEN, Kimmo

mm02 plc

[get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R96 *current version:* 5.0.2
freeze_meeting: smg-22
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0
smg-18 12/04/1996 5 . 0 . 1
smg-19 28/06/1996 5 . 0 . 2

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: *MCC:* KYMALAINEN, Kimmo

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[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #16: 5.0.0 #18: 5.0.1 #19: 5.0.2
[get it](#)

R96 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: Peter Skov
MCC: JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration					
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-18 12/04/1996 5 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan			
		get it	remarks - general: remarks - this release: #18: 5.0.0			
<hr/>						
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities					
R96	current version: 5.3.0 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-18 12/04/1996 5 . 0 . 0 smg-21 14/02/1997 5 . 1 . 0 smg-22 13/06/1997 5 . 2 . 0 smg-24 19/12/1997 5 . 3 . 0	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
		get it				
		get it				
		get it				
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TS 04.04	Layer 1 - General Requirements					
R96	current version: 5.1.0 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken THOMASEN, Gert	SIEMENS AG		
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 ETSI publication 02/05/1997 5 . 0 . 1 smg-24 19/12/1997 5 . 1 . 0	G: yes U:	MCC:			
		get it	remarks - general:			
		get it	remarks - this release:			
		get it				
<hr/>						
TS 04.05	Data Link (DL) Layer General Aspects					
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			

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Server ACTIVE specs R96 04 .- series
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TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R96 *current version:* 5.4.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0
ETSI publication	02/05/1997	5	.	0	.	1
smg-21	14/02/1997	5	.	1	.	0
ETSI publication	15/09/1997	5	.	1	.	1
smg-25	20/03/1998	5	.	2	.	0
ETSI publication	23/10/1998	5	.	2	.	1
smg-29	25/06/1999	5	.	3	.	0
ETSI publication	22/12/1999	5	.	3	.	1
smg-31	16/02/2000	5	.	4	.	0
ETSI Publication	28/11/2000	5	.	4	.	1

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TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R96 *current version:* 5.3.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-22 G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-20	11/10/1996	5	.	1	.	1
ETSI publication	05/05/1997	5	.	1	.	2
smg-21	14/02/1997	5	.	2	.	0
ETSI publication	19/12/1997	5	.	2	.	1
smg-24	19/12/1997	5	.	3	.	0

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Server ACTIVE specs R96 04 .- series
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TS 04.08 Mobile radio interface layer 3 specification

R96 current version: 5.20.0
freeze_meeting: smg-22

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

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	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-31b	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	
NP-18	18/12/2002	5	.	19	.	0	
GP-15	10/07/2003	5	.	20	.	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!)

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects					
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 edito 11/10/1996 5 . 0 . 1				remarks - general: remarks - this release:	
			get it			
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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 freeze_meeting: smg-22	WG (prime / other): N1 / -	rapporteur: NOBUYUKI, Uda	NTT COMWARE Corporation		
		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 smg-21 14/02/1997 5 . 2 . 0 ETSI publication 15/09/1997 5 . 2 . 1 NP-09 24/10/2000 5 . 3 . 0				remarks - general: remarks - this release:	
			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 freeze_meeting: smg-22	WG (prime / other): G2 / T2	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, smg-19 28/06/1996 5 . 0 . 0 smg-20 11/10/1996 5 . 0 . 1 ETSI Publication 28/11/2000 5 . 0 . 2				remarks - general: remarks - this release: #19: 5.0.0 #20: 5.0.1	
			get it			
			get it			
			get it			
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TS 04.13	Performance Requirements on Mobile Radio Interface					
R96	current version: 5.1.1 freeze_meeting: smg-22	WG (prime / other): N1 / -	rapporteur: PUDNEY, Chris	VODAFONE Group Plc		
		G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version, smg-18 12/04/1996 5 . 0 . 0 smg-20 11/10/1996 5 . 1 . 0 ETSI Publication 28/11/2000 5 . 1 . 1				remarks - general: remarks - this release: #18: 5.0.0 #20: 5.1.0	
			get it			
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TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R96	current version: 5.1.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: smg-22	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-26 26/06/1998	5 . 0 . 0	get it	remarks - general:					
	smg-27 16/10/1998	5 . 1 . 0	get it	remarks - this release:					
<hr/>									
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R96	current version: 5.7.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting: smg-22	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-20 11/10/1996	5 . 0 . 0	get it	remarks - general:					
	smg-21 14/02/1997	5 . 1 . 0	get it	remarks - this release: #20: 5.0.0 #21: 5.1.0 #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	get it						
	smg-23 17/10/1997	5 . 3 . 0	get it						
	smg-24 19/12/1997	5 . 4 . 0	get it						
	smg-25 20/03/1998	5 . 5 . 0	get it						
	smg-27 16/10/1998	5 . 6 . 0	get it						
	NP-08 21/06/2000	5 . 7 . 0	get it						
<hr/>									
TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
R96	current version: Switching Centre (BSS - MSC) interface	5.6.1	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
	history (event, available, version,								
	smg-16 20/10/1995	5 . 0 . 0	get it	remarks - general:					
	smg-20 11/10/1996	5 . 0 . 1	get it	remarks - this release:					
	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-25 20/03/1998	5 . 4 . 0	get it						
	smg-27 16/10/1998	5 . 5 . 0	get it						
	NP-06 13/12/1999	5 . 6 . 0	get it						
	ETSI publication 17/07/2000	5 . 6 . 1	get it						

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TS 04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3								
R96	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	JACOBSON, Dieter	T-MOBILE DEUTSCHLAND			
	freeze_meeting: smg-22	G: yes U:		MCC:	JORGENSEN, Per Johan				
	history (event, available, version, smg-18 12/04/1996 5 . 0 . 0						get it	remarks - general:	
								remarks - this release:	
<hr/>									
TS 04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3								
R96	current version: 5.0.1	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG			
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0						get it	remarks - general:	
	ETSI Publication 28/11/2000 5 . 0 . 1						get it	remarks - this release: #20: 5.0.0	
<hr/>									
TS 04.68	Group Call Control (GCC) Protocol								
R96	current version: 5.5.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: smg-22	G: yes U:		MCC:	JORGENSEN, Per Johan				
	history (event, available, version, smg-18 12/04/1996 5 . 0 . 0						get it	remarks - general:	
	smg-20 11/10/1996 5 . 0 . 1						get it	remarks - this release:	
	smg-27 16/10/1998 5 . 1 . 0						get it		
	smg-28 12/02/1999 5 . 2 . 0						get it		
	smg-29 25/06/1999 5 . 3 . 0						get it		
	smg-30 11/11/1999 5 . 4 . 0						get it		
	NP-07 15/03/2000 5 . 5 . 0						get it		
<hr/>									
TS 04.69	Broadcast Call Control (BCC) protocol								
R96	current version: 5.5.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: smg-22	G: yes U:		MCC:	JORGENSEN, Per Johan				
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0						get it	remarks - general:	
	smg-27 16/10/1998 5 . 1 . 0						get it	remarks - this release:	
	smg-28 12/02/1999 5 . 2 . 0						get it		
	smg-29 25/06/1999 5 . 3 . 0						get it		
	smg-30 11/11/1999 5 . 4 . 0						get it		
	NP-07 15/03/2000 5 . 5 . 0						get it		

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TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding					
R96	current version: 5.3.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software		
	history (event, available, version, smg-18 12/04/1996 5 . 0 . 0 smg-20 11/10/1996 5 . 0 . 1 smg-24 19/12/1997 5 . 1 . 0 smg-25 20/03/1998 5 . 2 . 0 smg-28 12/02/1999 5 . 3 . 0 ETSI Publication 12/03/1999 5 . 3 . 1	get it get it get it get it get it get it	remarks - general: remarks - this release:			
TS 04.81	Line Identification Supplementary Services; Stage 3					
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software		
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 ETSI Publication 11/11/1996 5 . 0 . 1	get it get it	remarks - general: remarks - this release: #20: 5.0.0			
TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3					
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software		
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 ETSI Publication 11/11/1996 5 . 0 . 1	get it get it	remarks - general: remarks - this release: #20: 5.0.0			
TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3					
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: SHARP, Iain MCC: KYMALAINEN, Kimmo	NORTEL NETWORKS (EUROPE)		
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 ETSI Publication 11/11/1996 5 . 0 . 1	get it get it	remarks - general: remarks - this release: #20: 5.0.0			
TS 04.84	Multi Party (MPPTY) Supplementary Services; Stage 3					
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: HABERMANN, Steffen MCC: KYMALAINEN, Kimmo	T-MOBILE DEUTSCHLAND		
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 ETSI Publication 11/11/1996 5 . 0 . 1	get it get it	remarks - general: 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: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
history (event, available, version, smg-20 11/10/1996 5 . 0 . 0		get it	remarks - general: remarks - this release: #20: 5.0.0		
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TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3				
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 ETSI Publication 11/11/1996 5 . 0 . 1		get it get it	remarks - general: remarks - this release: #20: 5.0.0		
<hr/>					
TS 04.88	Call Barring (CB) Supplementary Services; Stage 3				
R96	current version: 5.1.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
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		get it get it get it	remarks - general: remarks - this release: #20: 5.0.0 #24: 5.1.0		
<hr/>					
TS 04.90	Unstructured Supplementary Service Data (USSD)				
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	TeliaSonera AB	
history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 ETSI Publication 11/11/1996 5 . 0 . 1		get it get it	remarks - general: 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: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
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		get it get it get it	remarks - general: remarks - this release: #16: 5.0.0 #17: 5.1.0		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

R96 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R96 *current version:* 5.4.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-21 14/02/1997 5 . 2 . 0 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
smg-25 20/03/1998 5 . 4 . 0 [get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R96 *current version:* 5.10.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 2 . 0 [get it](#)
ETSI publication 13/05/1997 5 . 2 . 1 [get it](#)
smg-21 14/02/1997 5 . 3 . 0 [get it](#)
ETSI publication 26/08/1997 5 . 3 . 1 [get it](#)
smg-22 13/06/1997 5 . 4 . 0 [get it](#)
ETSI publication 31/12/1997 5 . 4 . 1 [get it](#)
smg-23 17/10/1997 5 . 5 . 0 [get it](#)
smg-25 20/03/1998 5 . 6 . 0 [get it](#)
ETSI publication 23/10/1998 5 . 6 . 1 [get it](#)
smg-26 26/06/1998 5 . 7 . 0 [get it](#)
ETSI publication 10/12/1998 5 . 7 . 1 [get it](#)
smg-28 12/02/1999 5 . 8 . 0 [get it](#)
ETSI publication 04/08/1999 5 . 8 . 1 [get it](#)
GP-01 09/10/2000 5 . 9 . 0 [get it](#)
GP-06 01/10/2001 5 . 10 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03	Channel coding								
R96	current version: 5.6.0			WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist	NOKIA Corporation			
	freeze_meeting: smg-22			G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,								
	smg-17 02/02/1996	5	.	0	.	0	get it	remarks - general:	
	smg-18 12/04/1996	5	.	1	.	0	get it	remarks - this release: #17: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #23: 5.4.0 #25: 5.5.0	
								GERAN#1:5.6.0	
	smg-19 26/06/1996	5	.	2	.	0	get it		
	smg-20 11/10/1996	5	.	2	.	1	get it		
ETSI publication	12/05/1997	5	.	2	.	2	get it		
	smg-21 14/02/1997	5	.	3	.	0	get it		
ETSI publication	26/08/1997	5	.	3	.	1	get it		
	smg-23 17/10/1997	5	.	4	.	0	get it		
	smg-25 20/03/1998	5	.	5	.	0	get it		
ETSI publication	23/10/1998	5	.	5	.	1	get it		
	GP-01 09/10/2000	5	.	6	.	0	get it		

TS 05.04	Modulation								
R96	current version: 5.1.1			WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist	NOKIA Corporation			
	freeze_meeting: smg-22			G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,								
	smg-20 11/10/1996	5	.	0	.	0	get it	remarks - general:	
ETSI publication	13/05/1997	5	.	0	.	1	get it	remarks - this release:	
	smg-30 11/11/1999	5	.	1	.	0	get it		
ETSI Publication	11/12/1999	5	.	1	.	1	get it		

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Server ACTIVE specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

R96 current version: 5.13.0
freeze_meeting: smg-22

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

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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 R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R96 current version: 5.10.0
freeze_meeting: smg-22

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer
G: yes U: MCC: USAI, Paolino

VODAFONE Group Plc

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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TS 05.10 Radio subsystem synchronization

R96 current version: 5.4.1
freeze_meeting: smg-22

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri
G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-20	11/10/1996	5	.	1	.	0
ETSI publication	03/06/1997	5	.	1	.	1
smg-23	17/10/1997	5	.	2	.	0
draft	19/03/1999	5	.	2	.	1
ETSI publication	04/08/1999	5	.	2	.	2
GP-01	10/10/2000	5	.	3	.	0
GP-02	24/11/2000	5	.	4	.	0
edito	30/11/2000	5	.	4	.	1

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Server **ACTIVE specs R96 05 .- series**
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TR 05.22	Radio link management in hierarchical networks					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
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			<i>remarks - this release:</i> #20: 5.0.0			
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TR 05.50	Background for RF Requirements					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22	G: yes U:	Peter Skov			
	<i>history (event, available, version,</i>		<i>MCC:</i> USAI, Paolino			
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	smg-21 14/02/1997 5 . 1 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0 #21: 5.1.0 #23: 5.1.1			
	smg-23 17/10/1997 5 . 1 . 1	get it				
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TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-20 28/05/1998 5 . 0 . 0 No proper source file available	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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06 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-23 17/10/1997 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	ETSI Publication 17/11/1997 5 . 1 . 1	get it				

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions					
R96	current version: 5.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	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: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:			
	smg-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: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:			
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	smg-23 17/10/1997 5 . 2 . 0	get it				
	ETSI Publication 17/11/1997 5 . 2 . 1	get it				
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TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R96	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:			
			remarks - this release: #20: 5.0.0			

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TS 06.10	Full Rate Speech Transcoding					
R96	current version: 5.3.0	WG (prime / other): S4 / -	rapporteur: LORENZ, Dietmar	PHILIPS Semiconductors		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:			
	smg-23 17/10/1997 5 . 1 . 0	get it	remarks - this release:			
	smg-32 20/06/2000 5 . 2 . 0	get it				
	ETSI Publication 04/01/2001 5 . 2 . 1	get it				
	SP-12 29/06/2001 5 . 3 . 0	get it				
<hr/>						
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R96	current version: 5.0.1	WG (prime / other): S4 / -	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:			
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TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R96	current version: 5.1.0	WG (prime / other): S4 / -	rapporteur: SERENO, Daniele	TELECOM ITALIA S.p.A.		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:			
	ETSI Publication 11/11/1996 5 . 0 . 1	get it	remarks - this release: #20: 5.0.0			
	SP-12 29/06/2001 5 . 1 . 0	get it				
<hr/>						
TS 06.20	Half Rate Speech Transcoding					
R96	current version: 5.1.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:			
	smg-22 13/06/1997 5 . 1 . 0	get it	remarks - this release: #20: 5.0.0 #22: 5.1.0			
	ETSI Publication 13/07/1997 5 . 1 . 1	get it				

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
R96	current version: 5.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	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 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R96	current version: 5.1.0	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	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		
<hr/>						
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R96	current version: 5.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it		remarks - general:		
	smg-23 17/10/1997 5 . 0 . 1	get it		remarks - this release: #20: 5.0.0 #23: 5.0.1		
<hr/>						
TS 06.32	Voice Activity Detection (VAD)					
R96	current version: 5.0.3	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it		remarks - general:		
	smg-23 17/10/1997 5 . 0 . 2	get it		remarks - this release: #20: 5.0.0 #23: 5.0.2		
	ETSI Publication 17/11/1997 5 . 0 . 3	get it				
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TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
R96	current version: 5.1.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it		remarks - general:		
	smg-22 13/06/1997 5 . 0 . 1	get it		remarks - this release: #20: 5.0.0 #22: 5.0.1 #23: 5.1.0		
	smg-23 17/10/1997 5 . 1 . 0	get it				
	ETSI Publication 17/11/1997 5 . 1 . 1	get it				

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TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
R96	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One					
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0 smg-22 13/06/1997 5 . 0 . 1	G: yes U:	<i>MCC:</i> USAI, Paolino						
		get it	<i>remarks - general:</i>						
		get it	<i>remarks - this release:</i> #20: 5.0.0 #22: 5.0.1						
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TS 06.51	GSM Enhanced full rate speech processing functions: General description								
R96	<i>current version:</i> 5.3.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation					
	<i>history (event, available, version,</i> 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 28/03/1997 5 . 1 . 2 smg-32 20/06/2000 5 . 2 . 0 ETSI publication 5 . 2 . 1 SP-10 20/12/2000 5 . 3 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino						
		get it	<i>remarks - general:</i>						
		get it	<i>remarks - this release:</i> #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32:5.2.0 TSG#10:5.3.0						
		get it							
		get it							
		get it							
		get it							
		get it							
<hr/>									
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec								
R96	<i>current version:</i> 5.1.3 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation					
	<i>history (event, available, version,</i> 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 13/01/2000 5 . 1 . 2 smg-23 17/10/1997 5 . 1 . 3	G: yes U:	<i>MCC:</i> USAI, Paolino						
		get it	<i>remarks - general:</i>						
		get it	<i>remarks - this release:</i>						
		get it							
		get it							
		get it							
		get it							
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G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R96 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 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release:*
ETSI publication 27/02/1998 5 . 1 . 1 [get it](#)
smg-32 20/06/2000 5 . 2 . 0 [get it](#)
SP-10 20/12/2000 5 . 3 . 0 [get it](#)

TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R96 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #19: 5.0.0

TS 06.60 Enhanced full rate speech transcoding

R96 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #19:5.1.0 #20: 5.1.1 #23: 5.1.3 #25: 5.2.0
smg-20 11/10/1996 5 . 1 . 1 [get it](#)
smg-23 17/10/1997 5 . 1 . 3 [get it](#)
smg-25 20/03/1998 5 . 2 . 0 [get it](#)
ETSI Publication 20/04/1998 5 . 2 . 1 [get it](#)

TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R96 *current version:* 5.1.2 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1
smg-20 11/10/1996 5 . 1 . 1 [get it](#)
ETSI Publication 11/11/1996 5 . 1 . 2 [get it](#)

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

TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels						
R96	current version: 5.1.3 freeze_meeting: smg-22	WG (prime / other): S4 / - G: yes U:		rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation	
history (event, available, version,							
	smg-17 02/02/1996	5 . 0 . 0	get it	remarks - general:			
	smg-19 28/06/1996	5 . 1 . 0	get it	remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3			
	smg-20 11/10/1996	5 . 1 . 1	get it				
ETSI publication	28/03/1997	5 . 1 . 2	get it				
	smg-23 17/10/1997	5 . 1 . 3	get it				
<hr/>							
TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels						
R96	current version: 5.2.1 freeze_meeting: smg-22	WG (prime / other): S4 / - G: yes U:		rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation	
history (event, available, version,							
	smg-17 02/02/1996	5 . 0 . 0	get it	remarks - general:			
	smg-19 28/06/1996	5 . 1 . 0	get it	remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0			
	smg-20 11/10/1996	5 . 1 . 1	get it				
	smg-22 13/06/1997	5 . 1 . 2	get it				
	smg-30 11/11/1999	5 . 2 . 0	get it				
ETSI Publication	09/05/2000	5 . 2 . 1	get it				
<hr/>							
TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels						
R96	current version: 5.0.3 freeze_meeting: smg-22	WG (prime / other): S4 / - G: yes U:		rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino		NOKIA Corporation	
history (event, available, version,							
	smg-17 02/02/1996	5 . 0 . 0	get it	remarks - general:			
	smg-20 11/10/1996	5 . 0 . 2	get it	remarks - this release: #17: 5.0.0 #20: 5.0.2 #22: 5.0.3			
	smg-22 13/06/1997	5 . 0 . 3	get it				
<hr/>							
TR 06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation						
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): S4 / - G: yes U:		rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.	
history (event, available, version,							
	smg-26 26/06/1998	5 . 0 . 0	get it	remarks - general:			
				remarks - this release: #26: 5.0.0			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R96 07 .- series
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R96 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R96 *current version:* 5.9.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-17	02/02/1996	5	.	0	.	1	get it	<i>remarks - this release:</i>
smg-18	12/04/1996	5	.	1	.	1	get it	
smg-19	28/06/1996	5	.	2	.	0	get it	
smg-20	11/10/1996	5	.	3	.	0	get it	
smg-21	14/02/1997	5	.	4	.	0	get it	
smg-22	13/06/1997	5	.	5	.	0	get it	
smg-23	17/10/1997	5	.	6	.	0	get it	
smg-24	19/12/1997	5	.	7	.	0	get it	
smg-25	20/03/1998	5	.	8	.	0	get it	
smg-28	12/02/1999	5	.	9	.	0	get it	
ETSI Publication	12/03/1999	5	.	9	.	1	get it	

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R96 *current version:* 5.5.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-18	12/04/1996	5	.	1	.	0	get it	<i>remarks - this release:</i> #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0
smg-20	11/10/1996	5	.	1	.	1	get it	
smg-21	14/02/1997	5	.	2	.	0	get it	
smg-22	13/06/1997	5	.	3	.	0	get it	
smg-23	17/10/1997	5	.	4	.	0	get it	
smg-24	19/12/1997	5	.	5	.	0	get it	
ETSI Publication	19/01/1998	5	.	5	.	1	get it	

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TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R96 *current version:* 5.4.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0 [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](#)

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R96 *current version:* 5.5.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
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](#)

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
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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http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.08 GSM Application Programming Interface

R96 *current version:* 5.2.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-22 G: yes U: *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #24: 5.2.0
smg-24 19/12/1997 5 . 2 . 0 [get it](#)
ETSI Publication 19/01/1998 5 . 2 . 1 [get it](#)

TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R96 *current version:* 5.1.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-22 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

R96 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: *MCC:* Peter Skov
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R96 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: *MCC:* Peter Skov
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:*

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Server ACTIVE specs R96 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-24 19/12/1997 5 . 0 . 0	withdrawn smg-25	get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-21 14/02/1997 5 . 1 . 0		get it	<i>remarks - this release:</i>		
	smg-22 13/06/1997 5 . 2 . 0		get it			
	smg-24 19/12/1997 5 . 3 . 0		get it			
	NP-11 04/04/2001 5 . 4 . 0		get it			
<hr/>						
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22	G: yes U:	Peter Skov			
	<i>history (event, available, version,</i>		<i>MCC:</i> THOMASEN, Gert			
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22	G: yes U:	Peter Skov			
	<i>history (event, available, version,</i>		<i>MCC:</i> THOMASEN, Gert			
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

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TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels				
R96	<i>current version:</i> 5.1.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S	
	<i>history (event, available, version,</i> smg-17 02/02/1996 5 . 0 . 0 smg-19 28/06/1996 5 . 0 . 1 smg-20 11/10/1996 5 . 0 . 2 smg-22 13/06/1997 5 . 1 . 0 ETSI Publication 13/07/1997 5 . 1 . 1	G: yes U:	<i>MCC:</i> USAI, Paolino		<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1. <i>remarks - this release:</i>
		get it			
		get it			
		get it			
		get it			
		get it			

TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels				
R96	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S	
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0 ETSI Publication 11/11/1996 5 . 0 . 1	G: yes U:	<i>MCC:</i> USAI, Paolino		<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1. <i>remarks - this release:</i>
		get it			
		get it			

R96

09 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01	General Network Interworking Scenarios				
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		<i>remarks - general:</i> <i>remarks - this release:</i>
		get it			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

R96 current version: 5.18.0
freeze_meeting: smg-22

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0	
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smg-18	12/04/1996	5	.	2	.	0	
smg-19	28/06/1996	5	.	3	.	0	
smg-20	11/10/1996	5	.	4	.	0	
ETSI publication	03/06/1997	5	.	4	.	1	
smg-21	14/02/1997	5	.	5	.	0	
edito	23/05/1997	5	.	5	.	1	
ETSI publication	05/11/1997	5	.	5	.	2	
smg-22	13/06/1997	5	.	6	.	0	
ETSI publication	02/02/1998	5	.	6	.	1	
smg-23	17/10/1997	5	.	7	.	0	
smg-24	19/12/1997	5	.	8	.	0	
ETSI publication	23/07/1998	5	.	8	.	1	
smg-25	20/03/1998	5	.	9	.	0	
ETSI publication	09/03/1999	5	.	9	.	1	
smg-26	26/06/1998	5	.	10	.	0	
ETSI publication	05/09/1999	5	.	10	.	1	
smg-27	16/10/1998	5	.	11	.	0	
ETSI publication	23/03/1999	5	.	11	.	1	
smg-28	12/02/1999	5	.	12	.	0	
ETSI publication	04/08/1999	5	.	12	.	1	
smg-29	25/06/1999	5	.	13	.	0	
ETSI publication	29/12/1999	5	.	13	.	1	
NP-05	08/10/1999	5	.	14	.	0	
ETSI publication	09/05/2000	5	.	14	.	1	
NP-06	15/12/1999	5	.	15	.	0	
NP-09	13/11/2000	5	.	16	.	0	
NP-15	04/04/2002	5	.	17	.	0	
include SDLs	22/07/2002	5	.	17	.	1	
NP-19	04/04/2003	5	.	18	.	0	

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remarks - general: CN->N4 Apr00 (JMM)

remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile
R96	<i>current version:</i> Network (PLMN) 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David
ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22 G: yes U: MCC: BOSWARTHICK, David
<i>history (event, available, version,</i>	
smg-20 11/10/1996 5 . 0 . 0	get it <i>remarks - general:</i> N3: "no R99 needed". <i>remarks - this release:</i> #20: 5.0.0

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)
R96	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 G: yes U: MCC: BOSWARTHICK, David
<i>history (event, available, version,</i>	
smg-20 11/10/1996 5 . 0 . 0	get it <i>remarks - general:</i> N3: "no R99 needed". <i>remarks - this release:</i> #20: 5.0.0

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access
R96	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 G: yes U: MCC: BOSWARTHICK, David
<i>history (event, available, version,</i>	
smg-20 11/10/1996 5 . 0 . 0	get it <i>remarks - general:</i> N3: "no R99 needed". <i>remarks - this release:</i> #20: 5.0.0

TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet
R96	<i>current version:</i> Switched Data Transmission Services 5.0.2 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David
ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22 G: yes U: MCC: BOSWARTHICK, David
<i>history (event, available, version,</i>	
smg-19 28/06/1996 5 . 0 . 0	get it <i>remarks - general:</i> N3: "no R99 needed".
smg-20 11/10/1996 5 . 0 . 1	get it <i>remarks - this release:</i> #19: 5.0.0 #20: 5.0.1
ETSI Publication 11/11/1996 5 . 0 . 2	get it

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Server ACTIVE specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
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> smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-16 20/10/1995	5 . 0 . 0			get it	<i>remarks - general:</i>			
	smg-17 02/02/1996	5 . 0 . 1			get it	<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			get it				
	smg-19 28/06/1996	5 . 2 . 0			get it				
	smg-20 11/10/1996	5 . 2 . 1			get it				
	smg-21 14/02/1997	5 . 3 . 0			get it				
	smg-22 13/06/1997	5 . 4 . 0			get it				
	smg-23 17/10/1997	5 . 5 . 0			get it				
	smg-24 19/12/1997	5 . 6 . 0			get it				
	smg-25 20/03/1998	5 . 7 . 0			get it				
	smg-27 16/10/1998	5 . 8 . 0			get it				
	smg-28 12/02/1999	5 . 9 . 0			get it				
	NP-06 15/12/1999	5 . 10 . 0			get it				
	ETSI Publication 05/07/2000	5 . 10 . 1			get it				

TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R96	<i>current version:</i> 5.1.0		WG (prime / other):	N1	/-	<i>rapporteur:</i>	FARHOUMAND, Ericsson Incorporated		
	<i>freeze_meeting:</i> smg-22								
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996	5 . 0 . 0			get it	<i>remarks - general:</i>			
	smg-21 14/02/1997	5 . 1 . 0			get it	<i>remarks - this release:</i>	#20: 5.0.0 #21: 5.1.0		

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
R96	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	5.2.0	WG (prime / other):	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting:</i> smg-22		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	smg-17 02/02/1996	5 . 0 . 0			get it	<i>remarks - general:</i>			
	smg-18 12/04/1996	5 . 1 . 0			get it	<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			get it				

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Server ACTIVE specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.11	Signalling Interworking for Supplementary Services				
R96	current version: 5.1.0 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	history (event, available, version, smg-18 12/04/1996 5 . 0 . 0 smg-19 28/06/1996 5 . 1 . 0	get it get it	remarks - general: remarks - this release: #18: 5.0.0 #19: 5.1.0		
<hr/>					
TS 09.78	CAMEL Application Part phase 2 (stage 3)				
R96	current version: 5.7.0 freeze_meeting: smg-22	WG (prime / other): N2 / - G: yes U:	rapporteur: NOLDUS, Rogier MCC: JURISIC, Andrijana	Telefon AB LM Ericsson	
	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	get it get it get it get it get it get it get it get it	remarks - general: remarks - this release:		
<hr/>					
TR 09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)				
R96	current version: 5.1.0 freeze_meeting: smg-22	WG (prime / other): N1 / - G: yes U:	rapporteur: HOWELL, Andrew MCC: JORGENSEN, Per Johan	MOTOROLA Ltd	
	history (event, available, version, smg-17? 02/02/1996 5 . 0 . 0 smg-22 02/01/2001 5 . 1 . 0	get it get it	remarks - general: remarks - this release:		
<hr/>					
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults				
R96	current version: 5.1.1 freeze_meeting: smg-21	WG (prime / other): N1 / - G: yes U:	rapporteur: ANDERSEN, Niels Peter Skov MCC: JORGENSEN, Per Johan	MOTOROLA A/S	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 NP-16 26/06/2002 5 . 1 . 0 edito post NP-18 16/12/2002 5 . 1 . 1	withdrawn SMG-30; reinstated NP-16 minor editorials to change style from TS to TR.	get it get it get it	remarks - general: remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.	

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Server ACTIVE specs R96 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

R96 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.00 Digital Cellular Telecommunication System Feature Description

R96 *current version:* 5.2.1 *WG (prime / other):* S2 / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version,
smg-19 5 . 0 . 0 *remarks - general:*
smg-19 5 . 1 . 0 *remarks - this release:* Jun00: version we have is actually 5.1.2 !
edito 5 . 1 . 2
smg-20 5 . 2 . 0
Editorial correction 11/11/1996 5 . 2 . 1 [get it](#)

TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R96 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-21 14/02/1997 1 . 0 . 0 [get it](#) *remarks - general:*
smg-25 20/03/1998 1 . 1 . 0 [get it](#) *remarks - this release:* #21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0
smg-25 20/03/1998 5 . 0 . 0 [get it](#)
smg-28 12/02/1999 5 . 1 . 0 [get it](#)

TR 10.14 System overview for 14.4 kbit/s Work Item

R96 *current version:* 5.0.0 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version,
smg-22 18/06/1997 1 . 0 . 0 [get it](#) *remarks - general:* still alive? June-2001:no. So no propogation to later releases.
smg-22 23/07/1997 1 . 0 . 1 [get it](#) *remarks - this release:*
smg-22 2 . 0 . 0
smg-22 5 . 0 . 0

R96 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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Server ACTIVE specs R96 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R96	current version: 5.6.0	WG (prime / other): T3 / G2,	rapporteur: SALMERON, Lidia	TELEPLUS LIMITED
	freeze_meeting: smg-22	G3ne		
		w		
		G: yes U:	MCC: DIETZE, Claus	
	history (event, available, version,			
	smg-30 11/11/1999 5 . 0 . 0	get it	remarks - general:	TP-17: T3 proposes to take over this spec from G5, and to approve a new R99
	smg-31 16/02/2000 5 . 1 . 0	get it	remarks - this release:	GP-06: Rel-4 serves all releases. TP-17: T3 proposes to take over this spec from version
not derived from R96 by CR; also to withdraw the R96 version, since the				G5, and to approve a new R99 version not derived from R96 by CR; also to R99
version will cover all previous Releases. TP-20: accepted by T3 (from G4).				
editorial 15/09/2000 5 . 1 . 1		get it		withdraw the R96 version, since the R99 version will cover all previous Releases.
GP-02 30/11/2000 5 . 2 . 0		get it		
GP-04 29/03/2001 5 . 3 . 0		get it		
GP-04 11/04/2001 5 . 3 . 0		get it		
GP-06 31/08/2001 5 . 4 . 0		get it		
GP-07 09/01/2002 5 . 5 . 0		get it		
GP-13 21/02/2003 5 . 6 . 0		get it		

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R96	current version: 5.10.1	WG (prime / other): T3 / -	rapporteur: GUTHERY, Scott B.	Mobile-Mind Inc.
	freeze_meeting: smg-22	G: yes U:	MCC: DIETZE, Claus	
	history (event, available, version,			
	smg-16 20/10/1995 5 . 0 . 0	get it	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		
	smg-21 14/02/1997 5 . 5 . 0	get it		
	smg-22 13/06/1997 5 . 6 . 0	get it		
	smg-23 17/10/1997 5 . 7 . 0	get it		
	smg-24 19/12/1997 5 . 8 . 0	get it		
	smg-25 20/03/1998 5 . 9 . 0	get it		
	smg-26 26/06/1998 5 . 10 . 0	get it		
Editorial correction	26/06/1998 5 . 10 . 1	get it		

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Server ACTIVE specs R96 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface					
R96	<i>current version:</i> 5.9.0 <i>freeze_meeting:</i> smg-27	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	smg-18 12/04/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-19 28/06/1996 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-20 11/10/1996 5 . 2 . 0	get it				
	smg-21 14/02/1997 5 . 3 . 0	get it				
	smg-22 13/06/1997 5 . 4 . 0	get it				
	smg-23 17/10/1997 5 . 5 . 0	get it				
	smg-24 19/12/1997 5 . 6 . 0	get it				
	smg-25 20/03/1998 5 . 7 . 0	get it				
	smg-26 26/06/1998 5 . 8 . 0	get it				
	smg-27 16/10/1998 5 . 9 . 0	get it				

TS 11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters					
R96	<i>current version:</i> 5.2.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT,			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	<to be defined> 5 . 0 . 0		<i>remarks - general:</i>			
	smg-25 20/03/1998 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	smg-26 26/06/1998 5 . 2 . 0	get it				
	Editorial correction 26/06/1998 5 . 2 . 1	get it				

R96 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.02	Subscriber, Mobile Equipment (ME) and Services Data Administration					
R96	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	smg-22 13/06/1997 5 . 0 . 0	get it	<i>remarks - general:</i>			
	Editorial correction 13/07/1997 5 . 0 . 1	get it	<i>remarks - this release:</i>			

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Server ACTIVE specs R96 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05	Subscriber Related Call and Event Data					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> ALEXANDER, Benni		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	smg-23 17/10/1997 5 . 0 . 0	get it	<i>remarks - general:</i>			
	Editorial correction 17/10/1997 5 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 12.08	Subscriber and Equipment trace					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S5 / NP	<i>rapporteur:</i> RONKA, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	smg-23 17/10/1997 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-25 20/03/1998 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	Editorial correction 20/03/1998 5 . 1 . 1	get it				
<hr/>						
TS 12.21	Network Management (NM) procedures and messages on the A-bis interface					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / S5	<i>rapporteur:</i> TRUSS, Michael		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-21 14/02/1997 5 . 0 . 0	get it	<i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.			
			<i>remarks - this release:</i>			

Ph2

Ph2 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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Server ACTIVE specs Ph2 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system								
Ph2	current version: 4.0.0	WG (prime / other):	SP / -	rapporteur:	MEREDITH, John M	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	POPE, Maurice				
	history (event, available, version,								
	SP-20 25/06/2003 4 . 0 . 0	get it		remarks - general:	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for				
				remarks - this release:	. backwards extension to earlier releases.				
<hr/>									
TS 01.02	General Description of a GSM Public Land Mobile Network (PLMN)								
Ph2	current version: 4.0.2	WG (prime / other):	S1 / GP /	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S			
	freeze_meeting: smg-11b	G: yes U:	NP	MCC:	CLAYTON, Michael				
	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:					
<hr/>									
TR 01.04	Abbreviations and acronyms								
Ph2	current version: 4.1.2	WG (prime / other):	GP / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd			
	freeze_meeting: smg-11b	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-08 01/10/1993 4 . 0 . 1	get it		remarks - general:					
	smg-09 21/01/1994 4 . 0 . 3	get it		remarks - this release:					
	smg-10 15/04/1994 4 . 0 . 4	get it							
	smg-11 01/07/1994 4 . 1 . 0	get it							
	smg-12 07/10/1994 4 . 1 . 1	get it							
	smg-14 07/04/1994 4 . 1 . 2	get it							

Ph2 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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Server ACTIVE specs Ph2 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)						
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993 4 . 2 . 1	get it	<i>remarks - general:</i>				
	smg-08 01/10/1993 4 . 3 . 0	get it	<i>remarks - this release:</i>				
	smg-10 15/04/1994 4 . 4 . 0	get it					
	smg-11 01/07/1994 4 . 4 . 1	get it					
	smg-12 07/10/1994 4 . 5 . 0	get it					
	smg-15 07/07/1995 4 . 6 . 0	get it					

TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)						
Ph2	<i>current version:</i> 4.2.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993 4 . 1 . 1	get it	<i>remarks - general:</i>				
	smg-08 01/10/1993 4 . 2 . 0	get it	<i>remarks - this release:</i>				
	PT12 final draft 09/05/1994 4 . 2 . 1	get it					
	ETSI publication 10/06/1998 4 . 2 . 2	get it					

TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)						
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993 4 . 2 . 2	get it	<i>remarks - general:</i>				
	smg-11 01/07/1994 4 . 3 . 0	get it	<i>remarks - this release:</i>				
	ETSI publication 19/01/1996 4 . 3 . 1	get it					

TS 02.04	General on Supplementary Services						
Ph2	<i>current version:</i> 4.9.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993 4 . 5 . 1	get it	<i>remarks - general:</i>				
	smg-08 01/10/1993 4 . 6 . 0	get it	<i>remarks - this release:</i>				
	smg-10 15/04/1994 4 . 7 . 0	get it					
	smg-12 07/10/1994 4 . 8 . 0	get it					
	smg-15 07/07/1995 4 . 9 . 0	get it					
	smg-16 20/10/1995 4 . 9 . 1	get it					

G = required in systems with GERAN access; U = required in systems with UMTS

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TS 02.06 Types of Mobile Stations (MS)

Ph2 *current version:* 4.5.2 *freeze_meeting:* smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-14 07/04/1995 4 . 3 . 0 [get it](#)
smg-16 07/07/1995 4 . 4 . 0 [get it](#)
smg-22 13/06/1997 4 . 5 . 0 [get it](#)
ETSI OAP 21/07/1997 4 . 5 . 1 [get it](#)
ETSI publication 14/01/1998 4 . 5 . 2 [get it](#)

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael

TS 02.07 Mobile Station (MS) Features

Ph2 *current version:* 4.8.2 *freeze_meeting:* smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 4 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 4 . 2 [get it](#) *remarks - this release:*
smg-10 15/04/1994 4 . 5 . 0 [get it](#)
smg-11 01/07/1994 4 . 6 . 0 [get it](#)
smg-15 07/07/1995 4 . 7 . 0 [get it](#)
smg-22 13/06/1997 4 . 8 . 0 [get it](#)
ETSI OAP 21/07/1997 4 . 8 . 1 [get it](#)
ETSI publication 14/01/1998 4 . 8 . 2 [get it](#)

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael

TS 02.09 Security aspects

Ph2 *current version:* 4.5.1 *freeze_meeting:* smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*
smg-12 07/10/1994 4 . 3 . 0 [get it](#) *remarks - this release:*
smg-22 13/06/1997 4 . 4 . 0 [get it](#)
ETSI publication 14/01/1998 4 . 4 . 1 [get it](#)
smg-31 16/02/2000 4 . 5 . 0 [get it](#)
ETSI publication 29/08/2000 4 . 5 . 1 [get it](#)

WG (prime / other): S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
G: yes U: *MCC:* POPE, Maurice

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TS 02.11	Service Accessibility					
Ph2	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 5 . 1	get it	<i>remarks - general:</i>			
	smg-10 15/04/1994 4 . 6 . 0	get it	<i>remarks - this release:</i>			
	ETSI OAP 21/08/1995 4 . 7 . 0	get it				
	smg-16 20/10/1995 4 . 8 . 0	get it				
	smg-17 02/02/1996 4 . 9 . 0	get it				
<hr/>						
TS 02.16	International Mobile Station Equipment Identities (IMEI)					
Ph2	<i>current version:</i> 4.7.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 3 . 1	get it	<i>remarks - general:</i>			
	smg-12 07/10/1994 4 . 4 . 0	get it	<i>remarks - this release:</i>			
	smg-13 27/01/1995 4 . 5 . 0	get it				
	smg-30 11/11/1999 4 . 6 . 0	get it				
	ETSI publication 07/07/2000 4 . 6 . 1	get it				
	smg-08 01/10/1993 4 . 7 . 0	get it				
	ETSI publication 28/11/2000 4 . 7 . 1	get it				
<hr/>						
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
Ph2	<i>current version:</i> 4.3.3	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	.. 30/08/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-02 30/08/2001 4 . 1 . 0 167/92	get it	<i>remarks - this release:</i>			
	smg-05 25/06/1993 4 . 2 . 0 98/93	get it				
	.. 30/08/2001 4 . 2 . 1	get it				
	smg-08 4 . 3 . 0					
	.. 01/10/1993 4 . 3 . 1	get it				
	ETSI PE 01/11/1993 4 . 3 . 2	get it				
	ETSI publication 13/09/1994 4 . 3 . 3	get it				

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TS 02.24	Description of Charge Advice Information (CAI)				
Ph2	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 1 . 1	get it	<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 2 . 0	get it	<i>remarks - this release:</i>		
	smg-09 21/01/1994 4 . 2 . 1	get it			
	smg-10 15/04/1994 4 . 3 . 0	get it			
	smg-11 01/07/1994 4 . 4 . 0	get it			
	smg-15 07/07/1995 4 . 5 . 0	get it			
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)				
Ph2	<i>current version:</i> 4.13.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David		VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 9 . 1	get it	<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 10 . 0	get it	<i>remarks - this release:</i>		
	smg-10 15/04/1994 4 . 11 . 0	get it			
	smg-12 07/10/1995 4 . 12 . 0	get it			
	smg-13 27/01/1995 4 . 13 . 0	get it			
TS 02.40	Procedures for Call Progress Indications				
Ph2	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 2 . 1	get it	<i>remarks - general:</i>		
	smg-09 21/01/1994 4 . 3 . 0	get it	<i>remarks - this release:</i>		
	smg-10 15/04/1994 4 . 4 . 0	get it			
	smg-14 07/04/1995 4 . 5 . 0	get it			
TS 02.41	Operator Determined Barring				
Ph2	<i>current version:</i> 4.5.2	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,		BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 4 . 1	get it	<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 5 . 0	get it	<i>remarks - this release:</i>		
	ETSI PE 11/10/1993 4 . 5 . 1	get it			
	ETSI publication 13/09/1994 4 . 5 . 2	get it			

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TS 02.81 Line Identification Supplementary Services; Stage 1

Ph2 *current version:* 4.6.1 *WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-07 25/06/1993 4 . 3 . 1 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 4 . 0 [get it](#) *remarks - this release: #7: 4.3.1 #10: 4.4.0 #11: 4.4.1 #12: 4.5.0 #16: 4.5.1 #24: 4.6.0*
smg-11 01/07/1994 4 . 4 . 1 [get it](#)
smg-12 07/10/1994 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 5 . 1 [get it](#)
smg-24 19/12/1997 4 . 6 . 0 [get it](#)
ETSI publication 17/06/1998 4 . 6 . 1 [get it](#)

TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

Ph2 *current version:* 4.5.2 *WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-07 25/06/1993 4 . 4 . 2 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 5 . 0 [get it](#) *remarks - this release: #7: 4.4.2 #10: 4.5.0 #16: 4.5.2*
smg-16 20/10/1995 4 . 5 . 2 [get it](#)

TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1

Ph2 *current version:* 4.6.7 *WG (prime / other):* S1 / - *rapporteur:* JORGENSEN, Niels H. TDC TELE DANMARK A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-07 25/06/1993 4 . 6 . 3 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 6 . 5 [get it](#) *remarks - this release: #7: 4.6.3 #10: 4.6.5 #16: 4.6.7*
smg-16 20/10/1995 4 . 6 . 7 [get it](#)

TS 02.84 MultiParty (MPTY) Supplementary Services; Stage 1

Ph2 *current version:* 4.4.7 *WG (prime / other):* S1 / - *rapporteur:* POSTMANN, Erwin SIEMENS AG
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-07 25/06/1993 4 . 4 . 2 [get it](#) *remarks - general:*
smg-11 01/07/1994 4 . 4 . 5 [get it](#) *remarks - this release: #7: 4.4.2 #11: 4.4.5 #16: 4.4.7*
smg-16 20/10/1995 4 . 4 . 7 [get it](#)

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TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
Ph2	<i>current version:</i> 4.2.6	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 2 . 2	get it	<i>remarks - general:</i>			
	smg-16 20/10/1995 4 . 2 . 6	get it	<i>remarks - this release: #7: 4.2.2 #16: 4.2.6</i>			
<hr/>						
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
Ph2	<i>current version:</i> 4.1.5	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CRAWFORD, Ian	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 1 . 1	get it	<i>remarks - general:</i>			
	smg-16 01/10/1993 4 . 1 . 5	get it	<i>remarks - this release: #7: 4.1.1 #16: 4.1.5</i>			
<hr/>						
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
Ph2	<i>current version:</i> 4.4.3	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 3 . 0	get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 4 . 0	get it	<i>remarks - this release: #7: 4.3.0 #8: 4.4.0 #16: 4.4.3</i>			
	smg-16 27/01/1995 4 . 4 . 3	get it				
<hr/>						
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SLOTTE, Sverre	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-08 01/10/1993 4 . 0 . 1	get it	<i>remarks - general:</i>			
	smg-21 14/02/1997 4 . 1 . 0	get it	<i>remarks - this release: #8: 4.0.1 #21: 4.1.0</i>			
	ETSI publication 15/09/1997 4 . 1 . 1	get it				

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TS 03.01	Network Functions								
Ph2	current version: 4.0.4	WG (prime / other):	S2 / NP	rapporteur:	GAASVIK, Per-Ola	COMVIQ GSM AB			
	freeze_meeting: smg-11b	G: yes U:		MCC:	YOON, Sang-Ui				
	history (event, available, version,								
	smg-07 25/06/1993 4 . 0 . 1	get it		remarks - general:	SMG3->SA2 @ TSG#7				
	ETSI Publication 25/07/1993 4 . 0 . 4	get it		remarks - this release:	#7: 4.0.1				
TS 03.02	Network Architecture								
Ph2	current version: 4.2.1	WG (prime / other):	S2 / NP / T2	rapporteur:	SULTAN, Alain	SOURCE COM			
	freeze_meeting: smg-11b	G: yes U:		MCC:	YOON, Sang-Ui				
	history (event, available, version,								
	smg-07 25/06/1993 4 . 0 . 1	get it		remarks - general:					
	smg-17 02/02/1996 4 . 1 . 0	get it		remarks - this release:	#7: 4.0.1 #17: 4.1.0 #18: 4.2.1				
	smg-18 12/04/1996 4 . 2 . 1	get it							
TS 03.03	Numbering, Addressing and Identification								
Ph2	current version: 4.11.1	WG (prime / other):	N4 / T2	rapporteur:	RUSSELL, Nick	VODAFONE LTD			
	freeze_meeting: smg-11b	G: yes U:		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993 4 . 5 . 0	get it		remarks - general:					
	smg-08 01/10/1993 4 . 6 . 0	get it		remarks - this release:					
	smg-09 21/01/1994 4 . 8 . 0	get it							
	smg-12 07/10/1994 4 . 9 . 0	get it							
	NP-07 17/03/2000 4 . 10 . 0	get it							
	NP-08 23/06/2000 4 . 11 . 0	get it							
	Editorial 04/01/2001 4 . 11 . 1	get it							
TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers								
Ph2	current version: 4.0.4	WG (prime / other):	N4 / SPA N / T2	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB			
	freeze_meeting: smg-11b	G: yes U:		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993 4 . 0 . 1	get it		remarks - general:					
	Publication 19/01/1996 4 . 0 . 4	get it		remarks - this release:	#7: 4.0.1				

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TR 03.05	Technical performance objectives				
Ph2	current version: 4.1.0	WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting: smg-11b	G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 0 . 0	get it	remarks - general:		
	smg-19 28/06/1996 4 . 1 . 0	get it	remarks - this release: #7: 4.0.0 #19:4.1.0		
<hr/>					
TS 03.07	Restoration Procedures				
Ph2	current version: 4.3.1	WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD	
	freeze_meeting: smg-11b	G: yes U:	Chalmers		
	history (event, available, version,		KYMALAINEN, Kimmo		
	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:		
	Publication 19/01/1996 4 . 3 . 1	get it			
<hr/>					
TS 03.08	Organization of Subscriber Data				
Ph2	current version: 4.8.0	WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG	
	freeze_meeting: smg-11b	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 5 . 0	get it	remarks - general:		
	smg-08 01/10/1993 4 . 5 . 1	get it	remarks - this release:		
	smg-09 21/01/1994 4 . 6 . 0	get it			
	smg-10 15/04/1994 4 . 7 . 0	get it			
	smg-18 12/04/1996 4 . 8 . 0	get it			
<hr/>					
TS 03.09	Handover Procedures				
Ph2	current version: 4.6.0	WG (prime / other): N1 / -	rapporteur: FARHOUMAND,	Ericsson Incorporated	
	freeze_meeting: smg-11b	G: yes U:	Rouzbeh		
	history (event, available, version,		JORGENSEN, Per Johan		
	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: 4.2.1 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #17: 4.6.0		
	smg-09 21/01/1994 4 . 2 . 1	get it			
	smg-10 15/04/1994 4 . 3 . 0	get it			
	smg-11 01/07/1994 4 . 4 . 0	get it			
	smg-12 07/10/1994 4 . 5 . 0	get it			
	smg-17 02/02/1996 4 . 6 . 0	get it			

G = required in systems with GERAN access; U = required in systems with UMTS

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TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

Ph2 *current version:* 4.3.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*
Publication 13/09/1994 4 . 3 . 1 [get it](#)

TS 03.11 Technical Realization of Supplementary Services - General Aspects

Ph2 *current version:* 4.10.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 4 . 4 . 0 *remarks - general:*
ETSI public 24/10/2002 4 . 4 . 1 [get it](#) *remarks - this release:*
enquiry
smg-09 4 . 5 . 0
smg-10 4 . 6 . 0
smg-11 4 . 7 . 0
smg-12 24/10/2002 4 . 8 . 0 ETSI vote version [get it](#)
ETSI publication 24/10/2002 4 . 8 . 1 [get it](#)
smg-14 24/10/2002 4 . 9 . 0 ETSI oap version [get it](#)
ETSI publication 24/10/2002 4 . 9 . 1 [get it](#)
ETSI public 4 . 10 . 0
enquiry
smg-18 12/04/1996 4 . 10 . 1 [get it](#)

TS 03.12 Location Registration Procedures

Ph2 *current version:* 4.4.2 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 3 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 4 . 0 [get it](#) *remarks - this release: #7: 4.3.0 #8: 4.4.0*
Publication 13/09/1994 4 . 4 . 2 [get it](#)

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TS 03.13	Discontinuous Reception (DRX) in the GSM System				
Ph2	<i>current version:</i> 4.0.4	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>		
	Publication 13/09/1994 4 . 0 . 4	get it	<i>remarks - this release: #7: 4.0.1</i>		
<hr/>					
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System				
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-10 15/04/1994 4 . 1 . 0	get it	<i>remarks - this release: #7: 4.0.0 #10: 4.1.0</i>		
	Publication 13/09/1994 4 . 1 . 1	get it			
<hr/>					
TS 03.15	Technical Realization of Operator Determined Barring				
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	Chalmers		
	<i>history (event, available, version,</i>		<i>MCC:</i> KYMALAINEN, Kimmo		
	smg-07 25/06/1993 4 . 2 . 0	get it	<i>remarks - general:</i>		
	smg-10 15/04/1994 4 . 3 . 0	get it	<i>remarks - this release: #7: 4.2.0 #10: 4.3.0</i>		
	Publication 13/09/1994 4 . 3 . 1	get it			
<hr/>					
TS 03.16	Subscriber Data Management				
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-14 07/04/1995 4 . 1 . 0	get it	<i>remarks - general:</i>		
	smg-16 20/10/1995 4 . 1 . 1	get it	<i>remarks - this release: #14: 4.1.0 #16: 4.1.1 #18: 4.2.1</i>		
	smg-18 12/04/1996 4 . 2 . 1	get it			

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TS 03.20	Security-related Network Functions					
Ph2	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i> S3	/ NP /	<i>rapporteur:</i> NGUYEN NGOC,		France Telecom
	<i>freeze_meeting:</i> smg-11b		GP	Sebastien		
		G: yes	U:	MCC: POPE, Maurice		
<i>history (event, available, version,</i>						
smg-07	25/06/1993	4	. 2 . 1	get it	<i>remarks - general:</i>	
smg-10	15/04/1994	4	. 3 . 0	get it	<i>remarks - this release:</i>	
smg-17	02/02/1996	4	. 3 . 2	get it		
smg-21	14/02/1997	4	. 4 . 0	get it		
Publication	26/08/1997	4	. 4 . 1	get it		
<hr/>						
TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
Ph2	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i> G1	/ N1	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> smg-11b			Peter Skov		
		G: yes	U:	MCC: USAI, Paolino		
<i>history (event, available, version,</i>						
smg-07	25/06/1993	4	. 4 . 0	get it	<i>remarks - general:</i>	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and
smg-09	21/01/1994	4	. 5 . 0	get it	<i>remarks - this release:</i>	group receive mode".
smg-10	15/04/1994	4	. 6 . 0	get it		
smg-11	01/07/1994	4	. 7 . 0	get it		
smg-12	07/10/1994	4	. 8 . 0	get it		
smg-14	07/04/1995	4	. 9 . 0	get it		
smg-16	20/10/1995	4	. 10 . 0	get it		
smg-17	02/02/1996	4	. 11 . 0	get it		
<hr/>						
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G1	/ NP	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> smg-11b			Peter Skov		
		G: yes	U:	MCC: USAI, Paolino		
<i>history (event, available, version,</i>						
smg-18	12/04/1996	4	. 1 . 0	get it	<i>remarks - general:</i>	
smg-22	13/06/1997	4	. 2 . 0	get it	<i>remarks - this release:</i>	
smg-23	17/10/1997	4	. 3 . 0	get it		

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TR 03.30	Radio Network Planning Aspects				
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 2 . 0	get it	<i>remarks - general:</i>		
	smg-09 21/01/1994 4 . 2 . 1	get it	<i>remarks - this release:</i> #7: 4.2.0 #9: 4.2.1 #13: 4.3.0		
	smg-13 27/01/1995 4 . 3 . 0	get it			
<hr/>					
TS 03.38	Alphabets and language-specific information				
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	smg-10 4 . 0 . 0		<i>remarks - general:</i>		
	Publication 13/09/1994 4 . 0 . 1	get it	<i>remarks - this release:</i> #10: 4.0.0		
<hr/>					
TS 03.40	Technical realization of the Short Message Service (SMS)				
Ph2	<i>current version:</i> 4.13.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 6 . 0	get it	<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 7 . 0	get it	<i>remarks - this release:</i>		
	smg-10 15/04/1994 4 . 8 . 1	get it			
	smg-11 01/07/1994 4 . 9 . 0	get it			
	smg-15 07/07/1995 4 . 11 . 0	get it			
	smg-16 20/10/1995 4 . 12 . 0	get it			
	smg-18 12/04/1996 4 . 13 . 0	get it			

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Server ACTIVE specs Ph2 03 .- series
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TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)								
Ph2	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited					
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993 4 . 4 . 1	get it	<i>remarks - general:</i>						
	smg-08 01/10/1993 4 . 5 . 0	get it	<i>remarks - this release:</i>						
	smg-09 21/01/1994 4 . 6 . 0	get it							
	smg-10 15/04/1994 4 . 7 . 0	get it							
	smg-11 01/07/1994 4 . 8 . 0	get it							
	smg-12 07/10/1994 4 . 9 . 0	get it							
	smg-13 27/01/1995 4 . 10 . 0	get it							
	smg-16 20/10/1995 4 . 11 . 0	get it							

TR 03.43	Support of Videotex								
Ph2	<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> smg-11b	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993 4 . 1 . 1	get it	<i>remarks - general:</i>						
	Editorial 19/01/1996 4 . 1 . 2	get it	<i>remarks - this release:</i>						

TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH					
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993 4 . 0 . 0	get it	<i>remarks - general:</i>						
	Editorial 30/07/1998 4 . 0 . 1	get it	<i>remarks - this release:</i>						

TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
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> smg-11b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993 4 . 2 . 1	get it	<i>remarks - general:</i>						
	smg-08 01/10/1993 4 . 3 . 0	get it	<i>remarks - this release:</i>						
	smg-09 21/01/1994 4 . 3 . 1	get it							
	smg-10 15/04/1994 4 . 4 . 0	get it							
	smg-11 01/07/1994 4 . 4 . 1	get it							
	smg-14 07/04/1995 4 . 5 . 0	get it							

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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: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 0 . 2 [get it](#) *remarks - this release:*
smg-11 01/07/1994 4 . 1 . 0 [get it](#)
Publication 19/01/1996 4 . 1 . 2 [get it](#)

TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

Ph2 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-11b *G: yes U:* *MCC:* Friedhelm
RODERMUND, Friedhelm
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-12 07/10/1994 4 . 2 . 1 [get it](#)
smg-18 12/04/1996 4 . 4 . 0 [get it](#)

TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

Ph2 *current version:* 4.6.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-11b *G: yes U:* *MCC:* Friedhelm
RODERMUND, Friedhelm
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release: #7: 4.1.0 #8: 4.2.0 #11: 4.3.0 #12: 4.4.0 #13: 4.5.0 #16:4.6.0*
smg-11 01/07/1994 4 . 3 . 0 [get it](#)
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
smg-13 27/01/1995 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 6 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 03 .- series
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TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
Ph2	<i>current version:</i> 4.6.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-08 01/10/1993	4 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-09 21/01/1994	4 . 1 . 0	get it	<i>remarks - this release:</i> #8: 4.0.0 #9: 4.1.0 #15: 4.2.0 #24: 4.3.0 #25: 4.4.0 #27: 4.5.0 #28: 4.6.0	
	smg-15 07/07/1995	4 . 2 . 0	get it		
	smg-24 19/12/1997	4 . 3 . 0	get it		
	smg-25 20/03/1998	4 . 4 . 0	get it		
	smg-27 16/10/1998	4 . 5 . 0	get it		
	smg-28 12/02/1999	4 . 6 . 0	get it		
	Editorial 12/03/1999	4 . 6 . 1	get it		

TS 03.70	Routing of Calls to/from Public Data Networks (PDN)				
Ph2	<i>current version:</i> 4.0.3	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993	4 . 0 . 0	get it	<i>remarks - general:</i> N3: "no R99 needed".	
	smg-08 01/10/1993	4 . 0 . 1	get it	<i>remarks - this release:</i> #7: 4.0.0 #8: 4.0.1	
	Publication 19/01/1996	4 . 0 . 3	get it		

TS 03.81	Line Identification Supplementary Services; Stage 2				
Ph2	<i>current version:</i> 4.8.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993	4 . 1 . 0	get it	<i>remarks - general:</i>	
	smg-09 01/10/1993	4 . 2 . 0	get it	<i>remarks - this release:</i> #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #19: 4.6.0 #24: 4.7.0 #26: 4.8.0	
	smg-10 15/04/1994	4 . 3 . 0	get it		
	smg-11 01/07/1994	4 . 4 . 0	get it		
	smg-12 07/10/1994	4 . 5 . 0	get it		
	smg-19 28/06/1996	4 . 6 . 0	get it		
	smg-24 19/12/1997	4 . 7 . 0	get it		
	smg-26 26/06/1998	4 . 8 . 0	get it		
	Editorial 26/07/1998	4 . 8 . 1	get it		

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Server ACTIVE specs Ph2 03 .- series
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TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph2 *current version:* 4.8.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-07 25/06/1993 4 . 5 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 5 . 1 [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*
smg-10 15/04/1994 4 . 6 . 0 [get it](#)
smg-12 07/10/1994 4 . 7 . 0 [get it](#)
smg-18 12/04/1996 4 . 8 . 0 [get it](#)
Editorial 12/05/1996 4 . 8 . 1 [get it](#)

TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

Ph2 *current version:* 4.4.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-07 25/06/1993 4 . 3 . 0 [get it](#) *remarks - general:*
smg-11 01/07/1994 4 . 3 . 2 [get it](#) *remarks - this release: #7: 4.3.0 #11: 4.3.2 #12: 4.4.0*
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
Editorial 07/11/1994 4 . 4 . 1 [get it](#)

TS 03.84 Multi Party (MPPTY) Supplementary Services; Stage 2

Ph2 *current version:* 4.4.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 2 . 0 [get it](#) *remarks - this release: #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0*
smg-10 15/04/1994 4 . 3 . 0 [get it](#)
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
Editorial 07/11/1994 4 . 4 . 1 [get it](#)

TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

Ph2 *current version:* 4.2.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-13 27/01/1995 4 . 2 . 0 [get it](#)
Editorial 27/02/1995 4 . 2 . 1 [get it](#)

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TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

Ph2 *current version:* 4.6.1 *freeze_meeting:* smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #11: 4.5.0 #12: 4.6.0
smg-09 21/01/1994 4 . 3 . 0 [get it](#)
smg-10 15/04/1994 4 . 4 . 0 [get it](#)
smg-11 01/07/1994 4 . 5 . 0 [get it](#)
smg-12 07/10/1994 4 . 6 . 0 [get it](#)
Editorial 07/11/1994 4 . 6 . 1 [get it](#)

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo

TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph2 *current version:* 4.6.1 *freeze_meeting:* smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 5 . 0 [get it](#) *remarks - this release:* #7: 4.4.0 #10: 4.5.0 #12: 4.6.0
smg-12 07/10/1994 4 . 6 . 0 [get it](#)
Editorial 07/11/1994 4 . 6 . 1 [get it](#)

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo

TS 03.90 Unstructured Supplementary Service Data (USSD)

Ph2 *current version:* 4.1.1 *freeze_meeting:* smg-11b
history (event, available, version,
smg-08 01/10/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-15 07/07/1995 4 . 1 . 0 [get it](#) *remarks - this release:* #8: 4.0.0 #15: 4.1.0
Editorial 07/08/1995 4 . 1 . 1 [get it](#)

WG (prime / other): N4 / - *rapporteur:* CHOTAI, Sunil mmO2 plc
G: yes U: *MCC:* KYMALAINEN, Kimmo

Ph2 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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TS 04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles								
Ph2	current version: 4.0.4 freeze_meeting: smg-11b	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
		G: yes U:	MCC: JORGENSEN, Per Johan						
	history (event, available, version, smg-07 25/06/1993 4 . 0 . 1 ETSI publication 19/01/1996 4 . 0 . 4	get it	remarks - general: get it remarks - this release: #7: 4.0.1						
<hr/>									
TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration								
Ph2	current version: 4.0.4 freeze_meeting: smg-11b	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
		G: yes U:	MCC: JORGENSEN, Per Johan						
	history (event, available, version, smg-07 25/06/1993 4 . 0 . 1 ETSI publication 19/01/1996 4 . 0 . 4	get it	remarks - general: get it remarks - this release: #7: 4.0.1						
<hr/>									
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities								
Ph2	current version: 4.1.1 freeze_meeting: smg-11b	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 . 1 smg-10 15/04/1994 4 . 1 . 0 Editorial 15/05/1994 4 . 1 . 1	get it	remarks - general: get it remarks - this release: get it						
<hr/>									
TS 04.04	Layer 1 - General Requirements								
Ph2	current version: 4.0.4 freeze_meeting: smg-11b	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken THOMASEN, Gert	SIEMENS AG					
		G: yes U:	MCC:						
	history (event, available, version, smg-07 25/06/1993 4 . 0 . 1 ETSI publication 13/09/1994 4 . 0 . 4	get it	remarks - general: get it remarks - this release:						
<hr/>									
TS 04.05	Data Link (DL) Layer General Aspects								
Ph2	current version: 4.0.3 freeze_meeting: smg-11b	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	get it	remarks - general: get it remarks - this release:						

G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

Ph2 *current version:* 4.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*
smg-11 01/07/1994 4 . 4 . 0 [get it](#)

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

Ph2 *current version:* 4.3.1 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-11b G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-07 25/06/1993 4 . 1 . 1 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-12 07/10/1994 4 . 3 . 0 [get it](#)
ETSI Publication 07/11/1997 4 . 3 . 1 [get it](#)

G = required in systems with GERAN access; 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

TS 04.08 Mobile radio interface layer 3 specification

Ph2 current version: 4.25.0
freeze_meeting: smg-11b

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

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
NP-18	02/01/2003	4	.	24	.	0
GP-15	10/07/2003	4	.	25	.	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!)

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

TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

Ph2 *current version:* 4.10.1 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b

G: yes *U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

smg-07	25/06/1993	4	.	4	.	0
smg-08	01/10/1993	4	.	5	.	0
smg-09	21/01/1994	4	.	6	.	0
smg-10	15/04/1994	4	.	7	.	0
smg-11	01/07/1994	4	.	8	.	0
smg-13	27/01/1995	4	.	9	.	0
smg-17	02/02/1996	4	.	10	.	0
Editorial	02/03/1996	4	.	10	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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[get it](#)

TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

Ph2 *current version:* 4.11.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation
freeze_meeting: smg-11b

G: yes *U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-07	25/06/1993	4	.	3	.	0
smg-08	01/10/1993	4	.	4	.	0
smg-10	15/04/1994	4	.	5	.	0
smg-11	01/07/1994	4	.	6	.	0
smg-12	07/10/1994	4	.	7	.	0
smg-14	07/04/1995	4	.	8	.	0
smg-16	20/10/1995	4	.	9	.	0
smg-17	02/02/1996	4	.	10	.	0
NP-09	04/10/2000	4	.	11	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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[get it](#)

TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version,

smg-07	25/06/1993	4	.	1	.	1
smg-10	15/04/1994	4	.	2	.	0
smg-11	01/07/1994	4	.	3	.	0
smg-12	07/10/1994	4	.	4	.	0
smg-16	20/10/1995	4	.	6	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #16: 4.6.0
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.13 Performance Requirements on Mobile Radio Interface

Ph2 *current version:* 4.2.0 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-10 15/04/1994 4 . 0 . 0 [get it](#) *remarks - general:*
smg-14 07/04/1995 4 . 0 . 2 [get it](#) *remarks - this release:* #10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0
smg-15 07/07/1995 4 . 1 . 0 [get it](#)
smg-16 20/10/1995 4 . 2 . 0 [get it](#)

TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Ph2 *current version:* 4.6.1 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:* #7: 4.2.1 #8: 4.3.0 #11: 4.4.0 #13: 4.5.0 #14: 4.6.0 Mar00: 4.6.1 = published
version of ETS replacing OAP version
smg-11 01/07/1994 4 . 4 . 0 [get it](#)
smg-13 27/01/1995 4 . 5 . 0 [get it](#)
smg-14 07/04/1995 4 . 6 . 0 [get it](#)
published version 02/03/2000 4 . 6 . 1 [get it](#)
of ETS replacing
OAP v

TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services

Ph2 *current version:* Switching Centre (BSS - MSC) interface 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert
SIEMENS AG

freeze_meeting: smg-11b *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:*
smg-13 27/01/1995 4 . 4 . 0 [get it](#)
smg-25 20/03/1998 4 . 5 . 0 [get it](#)
Editorial 20/04/1998 4 . 5 . 1 [get it](#)

G = required in systems with GERAN 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

TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

Ph2 *current version:* 4.11.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
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:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *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:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *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: smg-11b *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 access; 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

TS 04.84 Multi Party (MPY) Supplementary Services; Stage 3

Ph2 *current version:* 4.3.2 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 3 . 0 [get it](#) *remarks - this release: #7: 4.2.0 #9: 4.3.0*
ETSI Publication 21/02/1994 4 . 3 . 2 [get it](#)

TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

Ph2 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-18 12/04/1996 4 . 1 . 0 [get it](#) *remarks - this release: #7: 4.0.0 #18: 4.1.0*
Editorial 12/05/1996 4 . 1 . 1 [get it](#)

TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

Ph2 *current version:* 4.5.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 4 . 0 [get it](#) *remarks - this release: #7: 4.2.0 #8: 4.4.0 #11: 4.5.0*
smg-11 01/07/1994 4 . 5 . 0 [get it](#)
ETSI Publication 14/03/1995 4 . 5 . 2 [get it](#)

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph2 *current version:* 4.7.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 6 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 4 . 7 . 0 [get it](#) *remarks - this release: #7: 4.6.0 #17: 4.7.0*
Editorial 02/03/1996 4 . 7 . 1 [get it](#)

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

TS 04.90 Unstructured Supplementary Service Data (USSD)

Ph2 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-08 01/10/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-12 07/10/1994 4 . 1 . 0 [get it](#) *remarks - this release: #8: 4.0.0 #12: 4.1.0*
Editorial 07/11/1994 4 . 1 . 1 [get it](#)

Ph2 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

Ph2 *current version:* 4.6.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-10 15/04/1994 4 . 3 . 0 [get it](#)
smg-13 27/01/1995 4 . 4 . 0 [get it](#)
smg-14 07/04/1995 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 6 . 0 [get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph2 *current version:* 4.11.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-07 25/06/1993 4 . 3 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 4 . 0 [get it](#) *remarks - this release:*
smg-15 07/07/1995 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 6 . 0 [get it](#)
smg-17 02/02/1996 4 . 7 . 0 [get it](#)
smg-20 11/10/1996 4 . 8 . 0 [get it](#)
smg-22 13/06/1997 4 . 9 . 0 [get it](#)
smg-28 12/02/1999 4 . 10 . 0 [get it](#)
ETSI Publication 22/07/1999 4 . 10 . 1 [get it](#)
GP-06 01/10/2001 4 . 11 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph2 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03	Channel coding					
Ph2	<i>current version:</i> 4.5.1		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<i>freeze_meeting:</i> smg-11b		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 1 . 0		get it	<i>remarks - general:</i>		
	smg-13 27/01/1995 4 . 2 . 0		get it	<i>remarks - this release:</i> #7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0		
	smg-15 07/07/1995 4 . 3 . 0		get it			
	smg-21 14/02/1997 4 . 4 . 0		get it			
	smg-22 13/06/1997 4 . 5 . 0		get it			
	Editorial 13/07/1997 4 . 5 . 1		get it			
<hr/>						
TS 05.04	Modulation					
Ph2	<i>current version:</i> 4.0.3		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<i>freeze_meeting:</i> smg-11b		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 13/09/1994 4 . 0 . 3		get it	<i>remarks - this release:</i>		

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

TS 05.05 Radio Transmission and Reception

Ph2 *current version:* 4.23.1
freeze_meeting: smg-11b

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino

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
ETSI Publication 01/09/2003 4 . 12 . 0
smg-16 20/10/1995 4 . 13 . 0
smg-17 02/02/1996 4 . 14 . 0
smg-18 12/04/1996 4 . 15 . 0
smg-19 28/06/1996 4 . 16 . 0
smg-20 11/10/1996 4 . 17 . 0
smg-21 14/02/1997 4 . 18 . 0
smg-22 13/06/1997 4 . 19 . 0
smg-23 17/10/1997 4 . 20 . 0
smg-24 19/12/1997 4 . 21 . 0
smg-26 26/06/1998 4 . 22 . 0
smg-29 25/06/1999 4 . 23 . 0
ETSI Publication 17/12/1999 4 . 23 . 1

[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 Ph2 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

Ph2 *current version:* 4.22.1
freeze_meeting: smg-11b

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer
G: yes U: *MCC:* USAI, Paolino

VODAFONE Group Plc

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
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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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 05.10 Radio subsystem synchronization

Ph2 *current version:* 4.9.0
freeze_meeting: smg-11b

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri
G: yes U: *MCC:* USAI, Paolino

NOKIA MOBILE PHONES

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
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smg-18 12/04/1996 4 . 9 . 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 Ph2 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.22	Radio link management in hierarchical networks				
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
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TR 05.50	Background for RF Requirements				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	Peter Skov		
	<i>history (event, available, version,</i>		<i>MCC:</i> USAI, Paolino		
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	smg-17 02/02/1996 4 . 2 . 0	get it			
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TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations				
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
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	smg-08 4 . 2 . 0		<i>remarks - this release:</i>		
	ETSI publication 15/02/1994 4 . 2 . 1	get it			
	smg-15 15/08/1995 4 . 3 . 0	get it			

Ph2 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions				
Ph2	<i>current version:</i> 4.0.7	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
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	smg-23 17/10/1997 4 . 0 . 6	get it	<i>remarks - this release:</i>		
	ETSI Publication 07/04/1998 4 . 0 . 7	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions					
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
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	ETSI Publication 19/12/1995 4 . 0 . 2	get it	<i>remarks - this release:</i> #13: 4.0.0			
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TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
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	smg-23 17/10/1997 4 . 2 . 0	get it				
	Editorial 17/11/1997 4 . 2 . 1	get it				
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TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
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	smg-13 27/01/1995 4 . 0 . 0	get it	<i>remarks - general:</i>			
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	smg-22 13/06/1997 4 . 2 . 0	get it				
	Editorial 13/07/1997 4 . 2 . 1	get it				
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TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-16 20/10/1995 4 . 0 . 0	get it	<i>remarks - general:</i>			
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G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding					
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> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
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	smg-23 17/10/1997 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-32 20/06/2000 4 . 2 . 0	get it				
	Editorial 20/07/2000 4 . 2 . 1	get it				
	Correction of figure 3.2 29/06/2001 4 . 3 . 0	get it				
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
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> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
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	smg-23 17/10/1997 4 . 0 . 5	get it	<i>remarks - this release: #7: 4.0.1 #23: 4.0.5</i>			
	ETSI Publication 07/04/1998 4 . 0 . 6	get it				
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
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> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
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	ETSI Publication 13/09/1994 4 . 0 . 4	get it	<i>remarks - this release: #7: 4.0.1</i>			
	SP-12 29/06/2001 4 . 1 . 0	get it				
TS 06.20	Half Rate Speech Transcoding					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-13 27/01/1995 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-14 07/04/1995 4 . 1 . 0	get it	<i>remarks - this release: #13: 4.0.0 #14: 4.1.0 #17: 4.3.0</i>			
	smg-17 02/02/1996 4 . 3 . 0	get it				
	ETSI Publication 03/03/1996 4 . 3 . 1	get it				

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
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	ETSI Publication 19/12/1995 4 . 0 . 2	get it	<i>remarks - this release:</i> #13: 4.0.0			
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TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
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	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	<i>current version:</i> 4.0.5	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
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	smg-23 17/10/1997 4 . 0 . 5	get it	<i>remarks - this release:</i> #7: 4.0.1 #23: 4.0.5			
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TS 06.32	Voice Activity Detection (VAD)					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
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	smg-17 02/02/1996 4 . 2 . 0	get it				
	smg-23 17/10/1997 4 . 3 . 0	get it				
	Editorial 17/11/1997 4 . 3 . 1	get it				

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels							
Ph2	current version: 4.0.2	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.		
	freeze_meeting: smg-11b	G: yes U:		MCC:	USAI, Paolino			
	history (event, available, version,							
	smg-13 27/01/1995 4 . 0 . 0						get it	remarks - general:
	ETSI Publication 19/02/1995 4 . 0 . 2						get it	remarks - this release: #13: 4.0.0
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TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels							
Ph2	current version: 4.1.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new		
	freeze_meeting: smg-11b	G: yes U:		MCC:	USAI, Paolino	One		
	history (event, available, version,							
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	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 06.51	GSM Enhanced full rate speech processing functions: General description							
Ph2	current version: 4.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: smg-11b	G: yes U:		MCC:	USAI, Paolino			
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	ETSI publication 30/11/2000 4 . 1 . 1						get it	
	SP-10 20/12/2000 4 . 2 . 0						get it	
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TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec							
Ph2	current version: 4.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: smg-11b	G: yes U:		MCC:	USAI, Paolino			
	history (event, available, version,							
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								remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 06 .- series
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TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
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	SP-10 20/12/2000 4 . 2 . 0	get it				
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TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
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TS 06.60	Enhanced full rate speech transcoding					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
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ETSI Publication	24/08/2000 4 . 1 . 1	get it				
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TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
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Editorial	13/07/1997 4 . 0 . 1	get it	<i>remarks - this release: #22: 4.0.0</i>			
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TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
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G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

Ph2 *current version:* 4.1.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 4 . 1 . 0 [get it](#) *remarks - this release: #22: 4.0.0 #30: 4.1.0*
ETSI Publication 09/08/2000 4 . 1 . 1 [get it](#)

TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

Ph2 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*
Editorial 13/07/1997 4 . 0 . 1 [get it](#) *remarks - this release: #22: 4.0.0*

Ph2 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Ph2 *current version:* 4.10.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
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G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph2 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
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:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 5 . 0 [get it](#) *remarks - this release: #7: 4.4.0 #9: 4.5.0*
Editorial 21/02/1994 4 . 5 . 1 [get it](#)

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

Ph2 *current version:* 4.8.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
smg-16 20/10/1995 4 . 5 . 0 [get it](#)
smg-17 02/02/1996 4 . 6 . 0 [get it](#)
smg-18 12/04/1996 4 . 7 . 0 [get it](#)
smg-20 11/10/1996 4 . 8 . 0 [get it](#)
Editorial 11/11/1996 4 . 8 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

Ph2 *current version:* 4.4.1 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-16 20/10/1995 4 . 0 . 0 [get it](#) *remarks - general:*
smg-18 12/04/1996 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-24 19/12/1997 4 . 2 . 0 [get it](#)
smg-25 20/03/1998 4 . 3 . 0 [get it](#)
smg-27 16/10/1998 4 . 4 . 0 [get it](#)
Editorial 16/11/1998 4 . 4 . 1 [get it](#)

Ph2 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

Ph2 *current version:* 4.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* Peter Skov
THOMASEN, Gert

history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 13/09/1994 4 . 0 . 3 [get it](#) *remarks - this release:*

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph2 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* Peter Skov
THOMASEN, Gert

history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-13 27/01/1995 4 . 2 . 0 [get it](#)

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TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification					
Ph2	<i>current version:</i> 4.0.3 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	<i>history (event, available, version,</i> smg-07 25/06/1993 4 . 0 . 0 ETSI Publication 13/09/1994 4 . 0 . 3	G: yes U:	<i>MCC:</i>	get it <i>remarks - general:</i> get it <i>remarks - this release:</i>		
<hr/>						
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface					
Ph2	<i>current version:</i> 4.5.0 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	<i>history (event, available, version,</i> 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	G: yes U:	<i>MCC:</i>	get it <i>remarks - general:</i> get it <i>remarks - this release:</i> get it get it get it		
<hr/>						
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
Ph2	<i>current version:</i> 4.12.1 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	<i>history (event, available, version,</i> smg-07 25/06/1993 4 . 4 . 0 smg-08 01/10/1993 4 . 5 . 0 smg-09 21/01/1994 4 . 6 . 0 smg-10 15/04/1994 4 . 7 . 0 ETSI Publication 01/09/2003 4 . 7 . 1 smg-13 27/01/1995 4 . 8 . 0 smg-15 07/07/1995 4 . 9 . 0 smg-16 20/10/1995 4 . 10 . 0 smg-17 02/02/1996 4 . 11 . 0 smg-23 17/10/1997 4 . 12 . 0 ETSI Publication 23/10/1998 4 . 12 . 1	G: yes U:	<i>MCC:</i>	get it <i>remarks - general:</i> get it <i>remarks - this release:</i> get it get it get it get it get it get it get it get it		

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Server ACTIVE specs Ph2 08 .- series
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TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
Ph2	<i>current version:</i> 4.2.3 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha		NOKIA Corporation
	<i>history (event, available, version,</i> smg-07 25/06/1993 4 . 2 . 1 smg-13 27/01/1995 4 . 2 . 3	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
			get it <i>remarks - general:</i> get it <i>remarks - this release:</i>		
<hr/>					
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects				
Ph2	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>history (event, available, version,</i> smg-07 25/06/1993 4 . 0 . 1 smg-13 27/01/1995 4 . 1 . 0	G: yes U:	<i>MCC:</i> Peter Skov THOMASEN, Gert		
			get it <i>remarks - general:</i> get it <i>remarks - this release:</i>		
<hr/>					
TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles				
Ph2	<i>current version:</i> 4.2.0 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>history (event, available, version,</i> smg-07 25/06/1993 4 . 0 . 1 smg-13 27/01/1995 4 . 1 . 0 smg-14 07/04/1995 4 . 2 . 0	G: yes U:	<i>MCC:</i> Peter Skov THOMASEN, Gert		
			get it <i>remarks - general:</i> get it <i>remarks - this release:</i> get it		
<hr/>					
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
Ph2	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>history (event, available, version,</i> smg-07 26/06/1993 4 . 0 . 1 smg-13 27/01/1995 4 . 1 . 0	G: yes U:	<i>MCC:</i> Peter Skov THOMASEN, Gert		
			get it <i>remarks - general:</i> get it <i>remarks - this release:</i>		
<hr/>					
TS 08.56	BSC-BTS Layer 2; Specification				
Ph2	<i>current version:</i> 4.0.2 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>history (event, available, version,</i> smg-08 01/10/1993 4 . 0 . 0 ETSI Publication 13/09/1994 4 . 0 . 2	G: yes U:	<i>MCC:</i> Peter Skov THOMASEN, Gert		
			get it <i>remarks - general:</i> get it <i>remarks - this release:</i>		

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Server ACTIVE specs Ph2 08 .- series
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TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification				
Ph2	current version: 4.9.0 freeze_meeting: smg-11b	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
		G: yes U:	MCC:		
history (event, available, version,					
smg-07 25/06/1993	4 . 3 . 0	get it	remarks - general:		
smg-08 01/10/1993	4 . 4 . 0	get it	remarks - this release:	#7: 4.3.0 #8: 4.4.0 #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	get it			
smg-10 15/04/1994	4 . 6 . 0	get it			
smg-13 27/01/1995	4 . 7 . 0	get it			
smg-15 07/07/1995	4 . 8 . 0	get it			
smg-16 20/10/1995	4 . 9 . 0	get it			

TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels				
Ph2	current version: 4.4.1 freeze_meeting: smg-11b	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S	
		G: yes U:	MCC:		
history (event, available, version,					
smg-07 25/06/1993	4 . 1 . 0	get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.	
smg-13 27/01/1995	4 . 2 . 0	get it	remarks - this release:		
smg-22 13/06/1997	4 . 3 . 0	get it			
smg-23 17/10/1997	4 . 4 . 0	get it			
Editorial 17/11/1997	4 . 4 . 1	get it			

TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels				
Ph2	current version: 4.0.2 freeze_meeting: smg-11b	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S	
		G: yes U:	MCC:		
history (event, available, version,					
smg-13 27/01/1995	4 . 0 . 0	get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.	
ETSI Publication 19/01/1996	4 . 0 . 2	get it	remarks - this release:		

Ph2 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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Server ACTIVE specs Ph2 09 .- series
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TR 09.01	General Network Interworking Scenarios						
Ph2	<i>current version:</i> 4.0.1		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo		TeliaSonera AB	
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>						
	smg-08 01/10/1993	4 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-09 21/01/1994	4 . 0 . 1		get it	<i>remarks - this release:</i>		
<hr/>							
TS 09.02	Mobile Application Part (MAP) Specification						
Ph2	<i>current version:</i> 4.19.1		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich		Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4 . 4 . 0		get it	<i>remarks - general:</i> CN->N4 Apr00 (JMM)		
	smg-08 01/10/1993	4 . 5 . 0		get it	<i>remarks - this release:</i>		
	smg-09 21/01/1994	4 . 6 . 0		get it			
	smg-10 15/04/1994	4 . 7 . 0		get it			
	smg-11 01/07/1994	4 . 8 . 0		get it			
	smg-12 07/10/1994	4 . 9 . 0		get it			
	smg-13 27/01/1995	4 . 10 . 0		get it			
	smg-14 07/04/1995	4 . 11 . 0		get it			
	smg-16 20/10/1995	4 . 12 . 0		get it			
	smg-17 02/02/1996	4 . 13 . 0		get it			
	smg-19 28/06/1996	4 . 14 . 0		get it			
	smg-20 11/10/1996	4 . 15 . 0		get it			
	smg-21 14/02/1997	4 . 16 . 0		get it			
	smg-22 13/06/1997	4 . 17 . 0		get it			
	smg-23 17/10/1997	4 . 18 . 0		get it			
	NP-08 23/06/2000	4 . 19 . 0		get it			
	ETSI Publication 04/01/2001	4 . 19 . 1		get it			
<hr/>							
TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile						
Ph2	<i>current version:</i> Network (PLMN)	4.0.3	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> BOSWARTHICK, David		
ETSI Secretariat							
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>						
	smg-08 01/10/1993	4 . 0 . 0		get it	<i>remarks - general:</i> N3: "no R99 needed".		
	smg-09 21/01/1994	4 . 0 . 1		get it	<i>remarks - this release:</i> #8: 4.0.0 #9: 4.0.1		
	ETSI Publication 14/03/1995	4 . 0 . 3		get it			

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Server ACTIVE specs Ph2 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
Ph2	<i>current version:</i> 4.0.2		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 0 . 0		get it	<i>remarks - general:</i> N3: "no R99 needed".				
	smg-08 01/10/1993	4 . 0 . 1		get it	<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		get it					
<hr/>									
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
Ph2	<i>current version:</i> 4.4.2		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 3 . 0		get it	<i>remarks - general:</i> N3: "no R99 needed".				
	smg-08 01/10/1993	4 . 4 . 0		get it	<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		get it					
	ETSI Publication 13/09/1994	4 . 4 . 2		get it					
<hr/>									
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
Ph2	<i>current version:</i> Switched Data Transmission Services	4.5.0	<i>WG (prime / other):</i> N3				<i>rapporteur:</i> BOSWARTHICK, David		
ETSI Secretariat									
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 3 . 0		get it	<i>remarks - general:</i> N3: "no R99 needed".				
	smg-09 21/01/1994	4 . 4 . 0		get it	<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		get it					

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TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
Ph2	<i>current version:</i> Network (PSTN)	4.13.1	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> smg-11b		G: yes	U:		<i>MCC:</i>	BOSWARTHICK, David		
<i>history (event, available, version,</i>									
	smg-07	25/06/1993	4	.	4	.	0	get it	<i>remarks - general:</i>
	smg-08	01/10/1993	4	.	5	.	0	get it	<i>remarks - this release:</i> #7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #13: 4.8.0 #14: 4.9.0 #16: 4.10.0
	smg-09	21/01/1994	4	.	6	.	0	get it	#18: 4.11.0 #20: 4.12.0 #27: 4.13.0
	smg-10	15/04/1994	4	.	7	.	0	get it	
	smg-13	27/01/1995	4	.	8	.	0	get it	
	smg-14	07/04/1995	4	.	9	.	0	get it	
	smg-16	20/10/1995	4	.	10	.	0	get it	
	smg-18	12/04/1996	4	.	11	.	0	get it	
	smg-20	11/10/1996	4	.	12	.	0	get it	
	smg-27	16/10/1998	4	.	13	.	0	get it	
	ETSI Publication	23/03/1999	4	.	13	.	1	get it	

TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
Ph2	<i>current version:</i> 4.1.1		<i>WG (prime / other):</i>	N1	/-	<i>rapporteur:</i>	FARHOUMAND, Ericsson Incorporated		
	<i>freeze_meeting:</i> smg-11b						Rouzbeh		
			G: yes	U:		<i>MCC:</i>	JORGENSEN, Per Johan		
<i>history (event, available, version,</i>									
	smg-09	21/01/1994	4	.	0	.	0	get it	<i>remarks - general:</i>
	smg-13	27/01/1995	4	.	1	.	0	get it	<i>remarks - this release:</i> #9: 4.0.0 #13: 4.1.0
	Editorial	27/02/1995	4	.	1	.	1	get it	

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
Ph2	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	4.4.1	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting:</i> smg-11b		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>									
	smg-08	01/10/1993	4	.	0	.	0	get it	<i>remarks - general:</i>
	smg-09	21/01/1994	4	.	1	.	0	get it	<i>remarks - this release:</i> #8: 4.0.0 #9: 4.1.0 #10: 4.2.0 #17: 4.3.0 #23: 4.4.0
	smg-10	15/04/1994	4	.	2	.	0	get it	
	smg-17	02/02/1996	4	.	3	.	0	get it	
	smg-23	17/10/1997	4	.	4	.	0	get it	
	Editorial	17/11/1997	4	.	4	.	1	get it	

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TS 09.11 Signalling Interworking for Supplementary Services

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
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: smg-11b *G: yes U:* *MCC:*

history (event, available, version,
smg-17 4 . 0 . 0 *remarks - general:* EN 300 646
ETSI vote 06/02/1997 4 . 1 . 0 [get it](#) *remarks - this release:* smg-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: smg-11b *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: smg-11b *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version,
smg-10 15/04/1994 4 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 15/05/1994 4 . 0 . 1 [get it](#) *remarks - this release:* #10: 4.0.0

G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Ph2 *current version:* 4.6.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b

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

NP-16 26/06/2002 4 . 6 . 0

edito post NP-18 16/12/2002 4 . 6 . 1 minor editorials to change style from
TS to TR.

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remarks - general:

remarks - this release: v4.x.x belongs to all releases from ph2 onwards. 2002-05-02 (Hietalahti):
Anticipate recast as null document pointing to latest Release version.

Ph2

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

Ph2 current version: 4.29.0 WG (prime / other): G3ne / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b NP /

T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-16 20/10/1995 4 . 13 . 0
smg-17 02/02/1996 4 . 14 . 0

replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

smg-18 12/04/1996 4 . 15 . 0

smg-19 28/06/1996 4 . 16 . 0

smg-20 11/10/1996 4 . 17 . 0

smg-21 14/02/1997 4 . 18 . 0

smg-22 13/06/1997 4 . 19 . 0

smg-23 17/10/1997 4 . 20 . 0

smg-24 19/10/1997 4 . 21 . 0

smg-25 20/03/1998 4 . 22 . 0

smg-26 26/06/1998 4 . 23 . 1

smg-27 16/10/1998 4 . 24 . 0

smg-28 12/02/1999 4 . 25 . 0

smg-29 25/06/1999 4 . 26 . 0

smg-30 11/11/1999 4 . 27 . 0

smg-31 16/02/2000 4 . 28 . 0

ETSI Publication 08/09/2000 4 . 28 . 1

GP-06 06/09/2001 4 . 29 . 0

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remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently
remarks - this release: #31b: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.

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TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Ph2 current version: 4.16.0 WG (prime / other): G3ne / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b NP /

T2 /
SCP

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

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remarks - general: 2001-11-19: G4->G5.
remarks - this release: GP-06: Rel-4 serves all releases.

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph2 *current version:* 4.21.1 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-11b *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version,

smg-07	25/06/1993	4	.	8	.	0	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4	.	9	.	0	get it	<i>remarks - this release:</i>
smg-09	21/01/1994	4	.	10	.	0	get it	
smg-10	15/04/1994	4	.	11	.	0	get it	
smg-11	01/07/1994	4	.	12	.	0	get it	
smg-12	07/10/1994	4	.	13	.	0	get it	
ETSI Publication	01/09/2003	4	.	13	.	1	get it	
smg-13	27/01/1995	4	.	14	.	0	get it	
smg-15	07/04/1995	4	.	15	.	0	get it	
smg-16	20/10/1995	4	.	16	.	0	get it	
smg-18	12/04/1996	4	.	17	.	0	get it	
smg-19	28/06/1996	4	.	18	.	0	get it	
smg-22	13/06/1997	4	.	19	.	0	get it	
smg-25	20/03/1998	4	.	20	.	0	get it	
smg-29	25/06/1999	4	.	21	.	0	get it	
ETSI Publication	17/12/1999	4	.	21	.	1	get it	

TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface

Ph2 *current version:* 4.3.1 *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA MOBILE PHONES
freeze_meeting: smg-11b *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version,

smg-15	07/07/1995	4	.	0	.	0	get it	<i>remarks - general:</i>
smg-17	02/02/1996	4	.	1	.	0	get it	<i>remarks - this release:</i>
ETSI vote	05/08/1996	4	.	1	.	1	get it	
ETSI publication	19/12/1996	4	.	1	.	2	get it	
smg-21	14/02/1997	4	.	2	.	0	get it	
ETSI publication	26/08/1997	4	.	2	.	1	get it	
smg-23	17/10/1997	4	.	3	.	0	get it	
ETSI publication	07/04/1998	4	.	3	.	1	get it	

G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21	Base Station System (BSS) equipment specification; Radio aspects				
Ph2	<i>current version:</i> 4.14.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-11 01/07/1994	4 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-12 07/10/1994	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	smg-13 27/01/1995	4 . 2 . 0	get it		
	smg-15 07/07/1995	4 . 3 . 0	get it		
	smg-16 20/10/1995	4 . 4 . 0	get it		
	smg-17 02/02/1996	4 . 5 . 0	get it		
	smg-18 12/04/1996	4 . 6 . 0	get it		
	smg-20 11/10/1996	4 . 7 . 0	get it		
	smg-22 13/06/1997	4 . 8 . 0	get it		
	smg-23 17/10/1997	4 . 9 . 0	get it		
	smg-25 20/03/1998	4 . 10 . 0	get it		
	smg-26 26/06/1998	4 . 11 . 0	get it		
	smg-27 16/10/1998	4 . 12 . 0	get it		
	smg-28 12/02/1999	4 . 13 . 0	get it		
	smg-29 25/06/1999	4 . 14 . 0	get it		
	ETSI Publication 17/12/1999	4 . 14 . 1	get it		

TR 11.22	GSM Base Station and Ancillary Equipment, Physical and Electronical Parameters, Application of Standards and Guidance Notes				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	<to be defined>	4 . 0 . 0		<i>remarks - general:</i>	
	smg-21 14/02/1997	4 . 1 . 3	get it	<i>remarks - this release:</i>	
	smg-31b 17/04/2000	4 . 2 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.23 GSM Signalling Aspects Base Station System equipment Specification

Ph2 *current version:* 4.9.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,

smg-11	01/07/1994	4	.	0	.	0
smg-15	07/07/1995	4	.	1	.	0
smg-16	20/10/1995	4	.	2	.	0
smg-17	02/02/1996	4	.	3	.	0
smg-18	12/04/1996	4	.	4	.	0
smg-19	28/06/1996	4	.	5	.	0
smg-21	14/02/1997	4	.	6	.	0
smg-22	13/06/1997	4	.	7	.	0
smg-23	17/10/1997	4	.	8	.	0
smg-25	20/03/1998	4	.	9	.	0
Editorial	20/10/1998	4	.	9	.	1

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remarks - general:

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remarks - this release: Not progressed to Ph2+ because no regulatory requirement.

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TS 11.24 GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

Ph2 *current version:* 4.3.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,

smg-14	07/04/1995	4	.	0	.	0
smg-20	11/10/1996	4	.	1	.	0
smg-25	20/03/1998	4	.	2	.	0
smg-27	16/10/1998	4	.	3	.	0
Editorial correction	16/10/1998	4	.	3	.	1

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remarks - general:

[get it](#)

remarks - this release: #14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0

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TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

Ph2 *current version:* 4.2.2 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,

smg-15	07/07/1995	4	.	0	.	0
smg-17	02/02/1996	4	.	1	.	0
smg-18	12/04/1996	4	.	2	.	0
smg-20	11/10/1996	4	.	2	.	2

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remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

Ph2 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.00 Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management

Ph2 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-11 01/07/1994 4 . 2 . 0 [get it](#)
smg-15 07/07/1995 4 . 3 . 0 [get it](#)
smg-16 20/10/1995 4 . 4 . 0 [get it](#)
smg-17 02/02/1996 4 . 5 . 0 [get it](#)
smg-23 17/10/1997 4 . 6 . 0 [get it](#)

TS 12.01 Network Management (NM); Part 2: Common aspects of SM/DCS 1800 Network Management

Ph2 *current version:* 4.4.1 *WG (prime / other):* S5 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-10 15/04/1994 4 . 2 . 0 [get it](#)
smg-11 01/07/1994 4 . 3 . 0 [get it](#)
smg-17 02/02/1996 4 . 4 . 0 [get it](#)
Editorial 02/02/1996 4 . 4 . 1 [get it](#)

TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration

Ph2 *current version:* 4.6.1 *WG (prime / other):* S5 / S1 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-09 21/01/1994 4 . 2 . 0 [get it](#)
smg-11 01/07/1994 4 . 3 . 0 [get it](#)
smg-15 07/07/1995 4 . 4 . 0 [get it](#)
smg-16 20/10/1995 4 . 5 . 0 [get it](#)
smg-17 02/02/1996 4 . 6 . 0 [get it](#)
Editorial 02/02/1996 4 . 6 . 1 [get it](#)

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

TS 12.03	Security Management								
Ph2	<i>current version:</i> 4.2.1			<i>WG (prime / other):</i> S5 / S1 /	<i>rapporteur:</i> TRUSS, Michael		MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b			NP					
				<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version,</i>									
smg-11	01/07/1994	4	. 0 . 0	get it	<i>remarks - general:</i>				
smg-14	07/04/1995	4	. 1 . 0	get it	<i>remarks - this release:</i>				
smg-17	02/02/1996	4	. 2 . 0	get it					
Editorial	02/02/1996	4	. 2 . 1	get it					
<hr/>									
TS 12.04	Performance data measurements								
Ph2	<i>current version:</i> 4.3.1			<i>WG (prime / other):</i> S5 / S1 /	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-11b			NP					
				<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version,</i>									
smg-08	01/10/1993	4	. 0 . 0	get it	<i>remarks - general:</i>				
smg-11	01/07/1994	4	. 1 . 0	get it	<i>remarks - this release:</i>				
smg-13	27/01/1995	4	. 2 . 0	get it					
smg-17	02/02/1996	4	. 3 . 0	get it					
Editorial correction	02/02/1996	4	. 3 . 1	get it					
<hr/>									
TS 12.05	Subscriber Related Call and Event Data								
Ph2	<i>current version:</i> 4.3.1			<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> ALEXANDER, Benni		NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b				<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version,</i>									
smg-08	01/10/1993	4	. 0 . 0	get it	<i>remarks - general:</i>				
smg-11	01/07/1994	4	. 1 . 0	get it	<i>remarks - this release:</i>				
smg-15	07/07/1995	4	. 1 . 1	get it					
smg-17	02/02/1996	4	. 2 . 0	get it					
smg-22	13/06/1997	4	. 3 . 0	get it					
Editorial correction	13/06/1997	4	. 3 . 1	get it					

G = required in systems with GERAN access; 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

TS 12.06 Network Configuration Management and Administration

Ph2 *current version:* 4.1.1 *WG (prime / other):* S5 / NP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-11 01/07/1994 4 . 0 . 0 [get it](#) *remarks - general:*
smg-12 07/10/1994 4 . 0 . 1 [get it](#) *remarks - this release:*
smg-17 02/02/1996 4 . 1 . 0 [get it](#)
Editorial correction 02/02/1996 4 . 1 . 1 [get it](#)

TS 12.08 Subscriber and Equipment trace

Ph2 *current version:* 4.6.1 *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-12 07/10/1994 4 . 0 . 0 [get it](#) *remarks - general:*
smg-14 07/04/1995 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-16 20/10/1995 4 . 2 . 0 [get it](#)
smg-18 12/04/1996 4 . 3 . 0 [get it](#)
smg-20 11/10/1996 4 . 4 . 0 [get it](#)
smg-22 13/06/1997 4 . 5 . 0 [get it](#)
smg-23 17/10/1997 4 . 6 . 0 [get it](#)
ETSI publication 30/10/2001 4 . 6 . 1 [get it](#)

TS 12.11 Fault management of the Base Station System (BSS)

Ph2 *current version:* 4.2.1 *WG (prime / other):* S5 / S1 / GP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-26 26/06/1998 4 . 2 . 0 [get it](#) *remarks - general:*
Editorial correction 26/06/1998 4 . 2 . 1 [get it](#) *remarks - this release:*

G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.20 Base Station System (BSS) Management Information

Ph2 *current version:* 4.2.1 *WG (prime / other):* S5 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version,
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](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-06? 4 . 0 . 0 *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#)
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 28/05/1998 4 . 5 . 4 [get it](#)
smg-21 4 . 6 . 0

TS 12.22 Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)

Ph2 *current version:* 4.1.4 *WG (prime / other):* G1 / S5 *rapporteur:* YUHAN, Albert T-Mobile USA Inc.
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
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](#)

G = required in systems with GERAN access; 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

TR 12.30 ETSI Object Identifier Tree; Mobile Domain O&M

Ph2 *current version:* 4.2.0
freeze_meeting: smg-11b
history (event, available, version,
smg-10 15/04/1994 4 . 0 . 0
smg-11 01/07/1994 4 . 1 . 0
smg-15 07/07/1995 4 . 2 . 0

WG (prime / other): S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
G: yes U: *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #10: 4.0.0 #11: 4.1.0 #15: 4.2.0
[get it](#)

Ph2 **TB** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR19 General Attachment Requirements for GSM Mobile Stations

Ph2 *current version:* none
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): MSG / - *rapporteur:*
G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #14: Ed1 #16: 4.0.0 #17: 4.1.0 #18: 4.2.0 #21: 4.2.1 #22: 4.3.0 #24: 4.4.0 #29:
4.5.0 (was originally 13.01)

TS TBR20 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph2 *current version:* none
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): MSG / - *rapporteur:*
G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #14: Ed1 #16: 4.0.0 #17: 4.0.1 Feb97: 4.0.2

TS TBR31 General Attachment Requirements for DCS Mobile Stations

Ph2 *current version:* none
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): MSG / - *rapporteur:*
G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #17: 4.0.0 May99: 4.1.0 (was originally 13.02)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 TB .- series
http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR32 Attachment Requirements for DCS Terminal Equipment (Telephony)

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*
freeze_meeting: smg-11b G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
remarks - general:
remarks - this release: #17: 4.0.0

Ph1-EXT

Ph1-EXT 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.20ext Security-related Network Functions (Ext)

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom
freeze_meeting: GP Sebastien
G: yes U: *MCC:* POPE, Maurice
history (event, available, version,
smg-07 01/09/2003 3 . 0 . 0 addendum to 03.20 v3.3.2 [get it](#) *remarks - general:*
remarks - this release: #7: 3.0.0

Ph1-EXT 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08ext Mobile radio interface layer 3 specification, part 1 (Ext)

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: JORGENSEN, Per Johan
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0 extension to 04.08 v3.13.0 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph1-EXT 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

Ph1-EXT 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08ext Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification (DCS 1800)
Ph1-EXT current version: 3.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: MCC: Peter Skov THOMASEN, Gert
history (event, available, version, smg-07 01/01/1995 3 . 0 . 0 [get it](#) remarks - general:
remarks - this release:

TS 08.58ext Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (Ext)
Ph1-EXT current version: 3.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: MCC: Peter Skov THOMASEN, Gert
history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 0 based on 08.58 v3.5.0 [get it](#) remarks - general:
remarks - this release: #7: 3.0.0

Ph1-DCS

Ph1-DCS 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06dcs Types of Mobile Stations (MS) - DCS 1800
Ph1-DC current version: 3.0.0 WG (prime / other): S1 / - rapporteur: JEAL, David VODAFONE Group Plc
freeze_meeting: G: yes U: MCC: CLAYTON, Michael
history (event, available, version, 01/01/1995 3 . 0 . 0 [get it](#) remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1-DC 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11dcs Service accessibility (DCS 1800)

Ph1-DC *current version:* 3.1.0 *WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom
freeze_meeting: G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
? 10/05/1994 3 . 0 . 0 illegible [get it](#) *remarks - general:*
smg-01 10/05/1994 3 . 0 . 1 [get it](#) *remarks - this release:*
ETSI publication 01/01/1995 3 . 1 . 0 [get it](#)

Ph1-DCS 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12dcs Location Registration Procedures (DCS 1800)

Ph1-DC *current version:* 3.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
ETSI publication 19/08/2003 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

Ph1-DCS 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08dcs Mobile radio interface layer 3 specification (DCS 1800)

Ph1-DC *current version:* 3.1.0 *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 0 extension to 04.08 v3.13.0 [get it](#) *remarks - general:*
remarks - this release: .

Ph1-DCS 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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Server ACTIVE specs Ph1-DC 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01dcs Physical Layer on the Radio Path (General Description) (DCS 1800)

Ph1-DC *current version:* 3.0.0 *freeze_meeting:* WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0 based on 05.01 v3.3.2 [get it](#) *remarks - general:*
remarks - this release: .

TS 05.05dcs Radio Transmission and Reception (DCS 1800)

Ph1-DC *current version:* 3.3.0 *freeze_meeting:* WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
smg-07 3 . 2 . 0 *remarks - general:*
smg-08 01/01/1995 3 . 3 . 0 based on 05.05 v3.16.0 [get it](#) *remarks - this release:*

TS 05.08dcs Radio Subsystem Link Control (DCS 1800)

Ph1-DC *current version:* 3.0.0 *freeze_meeting:* WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Ph1-DCS 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.58dcs Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (DCS 1800)

Ph1-DC *current version:* 3.0.0 *freeze_meeting:* WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* Peter Skov
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0 based on 08.58 v3.5.0 [get it](#) *remarks - general:*
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph1-DC 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

Ph1-DCS **09** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02dcs Mobile Application Part (MAP) Specification (DCS 1800)

Ph1-DC *current version:* 3.0.0
freeze_meeting:

WG (prime / other): N4 / -
G: yes U:

rapporteur: WIEHE, Ulrich
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

history (event, available, version,

ETSI publication 03/03/1993 3 . 0 . 0 based on 09.02 v3.8.0

[get it](#) *remarks - general:*
remarks - this release:

TS 09.10dcs Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Ph1-DC *current version:* Procedures and the Mobile Application Part (MAP) (DCS 1800)
TeliaSonera AB

3.0.0 *WG (prime / other):* N4 / -

rapporteur: KYMALAINEN, Kimmo

freeze_meeting:

G: yes U:

MCC: KYMALAINEN, Kimmo

history (event, available, version,

ETSI publication 01/01/1995 3 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release:

Ph1-DCS **11** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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Server ACTIVE specs Ph1-DC 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10dcs Mobile Station Conformity Specification (DCS 1800)

Ph1-DC *current version:* 3.23.1
freeze_meeting:

WG (prime / other): G3ne / S1 / *rapporteur:* LEGRAND, Walter EADS TELECOM
G3ne
w/
NP /
T2 /
SCP

G: yes *U:* *MCC:* CLAYTON, Michael

history (event, available, version,

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
ETSI publication	01/12/1996	3	.	23	.	1

based on 11.10 v3.19.0

[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

remarks - general:
remarks - this release:

TS 11.11dcs Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface (DCS 1800)

Ph1-DC *current version:* 3.3.4
freeze_meeting:

WG (prime / other): T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
G: yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,

smg-02		3	.	2	.	0
smg-04		3	.	3	.	0
smg-08		3	.	3	.	1
smg-09		3	.	3	.	2
smg-11		3	.	3	.	3
smg-12	21/02/1994	3	.	3	.	4

[get it](#)

remarks - general:
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1-DC 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.20dcs GSM DCS 1800 Base Station Specification

Ph1-DC *current version:* 3.13.0

freeze_meeting:

history (event, available, version,

smg-01	3	.	1	.	0	
smg-02	3	.	2	.	0	
smg-03	3	.	3	.	0	
smg-04	3	.	4	.	0	
smg-05	3	.	5	.	0	
smg-06	3	.	6	.	0	
smg-07	3	.	7	.	0	
smg-08	3	.	8	.	0	
smg-09	3	.	9	.	0	
smg-10	3	.	10	.	0	
smg-11	3	.	11	.	0	
smg-12	3	.	12	.	0	
smg-17	01/01/1995	3	.	13	.	0

WG (prime / other): GP / NP *rapporteur:* VACANT,
G: yes U: *MCC:* USAI, Paolino

remarks - general:
remarks - this release:

[get it](#)

TS 11.40dcs 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): G3ne / - *rapporteur:*
G: yes U: *MCC:* CLAYTON, Michael

remarks - general:
remarks - this release: #4: 3.2.0 #11: 3.3.0

[get it](#)

Ph1

Ph1

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph1 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Ph1 *current version:* 3.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: G: yes U: *MCC:* POPE, Maurice
history (event, available, version,
SP-20 25/06/2003 3 . 0 . 0 Created from 41.103. [get it](#) *remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
remarks - this release: . backwards extension to earlier releases.

TR 01.04 Abbreviations and acronyms

Ph1 *current version:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: gsm-25b G: yes U: *MCC:* USAI, Paulino
history (event, available, version,
gsm-29 2 . 0 . 3 *remarks - general:*
smg-12 07/10/1994 3 . 0 . 0 [get it](#) *remarks - this release:* .
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#)

Ph1 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: gsm-25b G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-18 10/04/1996 3 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - this release:* .
PT12 release 15/02/1992 3 . 2 . 0 [get it](#)

TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: gsm-25b G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
CEPT GSM doc 15/01/1990 3 . 1 . 1 [get it](#) *remarks - general:*
CEPT GSM doc 15/07/1991 3 . 2 . 0 [get it](#) *remarks - this release:* .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
Ph1	<i>current version:</i> 3.4.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	CEPT GSM doc 03/01/1991 3 . 4 . 0	get it	<i>remarks - general:</i>			
	edito 22/07/1998 3 . 4 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 02.04	General on Supplementary Services					
Ph1	<i>current version:</i> 3.7.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	- 24/07/1998 3 . 7 . 0	get it	<i>remarks - general:</i>			
	CEPT GSM doc 03/01/1991 3 . 7 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 02.06	Types of Mobile Stations (MS)					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	31/08/2001 3 . 1 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 01/01/1995 3 . 2 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 02.07	Mobile Station (MS) Features					
Ph1	<i>current version:</i> 3.4.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	- 10/05/1994 3 . 3 . 0	get it	<i>remarks - general:</i>			
	- 10/05/1994 3 . 4 . 0	get it	<i>remarks - this release:</i> .			
	ETSI publication 01/01/1995 3 . 4 . 1	get it				
<hr/>						
TS 02.09	Security aspects					
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S3 / S1 /	<i>rapporteur:</i> CHRISTOFFERSSON, Per	Telia Promotor AB		
	<i>freeze_meeting:</i> gsm-25b	NP	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>				
	ETSI publication 01/01/1995 3 . 1 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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Server ACTIVE specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11	Service Accessibility					
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	gsm-29 30/08/2001 3 . 5 . 0	get it	<i>remarks - general:</i>			
	smg-01 30/08/2001 3 . 6 . 0	get it	<i>remarks - this release:</i>			
	ETSI publication 01/01/1995 3 . 7 . 0	get it				
<hr/>						
TS 02.16	International Mobile Station Equipment Identities (IMEI)					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	.. 30/08/2001 3 . 1 . 2	get it	<i>remarks - general:</i>			
	ETSI publication 01/01/1995 3 . 2 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 02.20	Collection charges					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	06/05/1992: 09/10/1997 3 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
Ph1	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 9 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.40 Procedures for Call Progress Indications
Ph1 *current version:* 3.2.0 *freeze_meeting:* gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 2 . 0

WG (prime / other): S1 / NP *rapporteur:* DWYER, Paul
G: yes U: *MCC:* CLAYTON, Michael NORTEL NETWORKS (EUROPE)

[get it](#) *remarks - general:*
remarks - this release: .

TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1
Ph1 *current version:* 3.6.1 *freeze_meeting:* gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 6 . 1

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne
G: yes U: *MCC:* CLAYTON, Michael France Telecom

[get it](#) *remarks - general:*
remarks - this release: .

TS 02.88 Call Barring (CB) Supplementary Services; Stage 1
Ph1 *current version:* 3.6.1 *freeze_meeting:* gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 6 . 1

WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan
G: yes U: *MCC:* CLAYTON, Michael T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
remarks - this release: .

Ph1 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions
Ph1 *current version:* 3.1.1 *freeze_meeting:* gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 1

WG (prime / other): S2 / NP *rapporteur:* GAASVIK, Per-Ola
G: yes U: *MCC:* YOON, Sang-Ui COMVIQ GSM AB

[get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
remarks - this release: .

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.02	Network Architecture					
Ph1	current version: 3.1.4 freeze_meeting: gsm-25b	WG (prime / other): S2 / NP / T2	rapporteur: SULTAN, Alain	SOURCE COM		
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 4	G: yes U:	MCC: YOON, Sang-Ui			get it remarks - general: remarks - this release: .
<hr/>						
TS 03.03	Numbering, Addressing and Identification					
Ph1	current version: 3.6.0 freeze_meeting: gsm-25b	WG (prime / other): N4 / T2	rapporteur: RUSSELL, Nick	VODAFONE LTD		
	history (event, available, version, ETSI publication 01/01/1995 3 . 6 . 0	G: yes U:	MCC: KYMALAINEN, Kimmo			get it remarks - general: remarks - this release:
<hr/>						
TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers					
Ph1	current version: 3.1.0 freeze_meeting: gsm-25b	WG (prime / other): N4 / SPA N / T2	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB		
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 0	G: yes U:	MCC: KYMALAINEN, Kimmo			get it remarks - general: remarks - this release: .
<hr/>						
TR 03.05	Technical performance objectives					
Ph1	current version: 3.2.0 freeze_meeting: gsm-25b	WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 0	G: yes U:	MCC: BOSWARTHICK, David			get it remarks - general: remarks - this release: .
<hr/>						
TS 03.07	Restoration Procedures					
Ph1	current version: 3.2.1 freeze_meeting: gsm-25b	WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD		
	history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 1	G: yes U:	MCC: Chalmers KYMALAINEN, Kimmo			get it remarks - general: remarks - this release: .

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08	Organization of Subscriber Data					
Ph1	<i>current version:</i> 3.7.0 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 7 . 0	<i>WG (prime / other):</i> N4 / - G: yes U:	<i>rapporteur:</i> BAUER, Rolf <i>MCC:</i> KYMALAINEN, Kimmo	ALCATEL SEL AG		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 03.09	Handover Procedures					
Ph1	<i>current version:</i> 3.2.1 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 2 . 1	<i>WG (prime / other):</i> N1 / - G: yes U:	<i>rapporteur:</i> FARHOUMAND, Rouzbeh <i>MCC:</i> JORGENSEN, Per Johan	Ericsson Incorporated		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
Ph1	<i>current version:</i> 3.3.0 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version,</i> gsm4 06/05/2003 2 . 0 . 0 Jan 1988 gsm4 06/05/2003 3 . 0 . 0 Feb 1988 gsm4 06/05/2003 3 . 1 . 0 Jul 1988 gsm4 06/05/2003 3 . 2 . 0 Nov 1988 ETSI publication 01/01/1995 3 . 3 . 0	<i>WG (prime / other):</i> N3 / - G: yes U:	<i>rapporteur:</i> BOSWARTHICK, David <i>MCC:</i> BOSWARTHICK, David	ETSI Secretariat		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
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TS 03.11	Technical Realization of Supplementary Services - General Aspects					
Ph1	<i>current version:</i> 3.1.1 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 1 . 1	<i>WG (prime / other):</i> N4 / - G: yes U:	<i>rapporteur:</i> HABERMANN, Steffen <i>MCC:</i> KYMALAINEN, Kimmo	T-MOBILE DEUTSCHLAND		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 03.12	Location Registration Procedures					
Ph1	<i>current version:</i> 3.3.0 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 3 . 0	<i>WG (prime / other):</i> N4 / - G: yes U:	<i>rapporteur:</i> KYMALAINEN, Kimmo <i>MCC:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.13	Discontinuous Reception (DRX) in the GSM System					
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 2	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 2	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 03.20	Security-related Network Functions					
Ph1	<i>current version:</i> 3.3.2	<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> NGUYEN NGOC,	France Telecom		
	<i>freeze_meeting:</i> gsm-25b	GP	Sebastien			
	<i>history (event, available, version,</i>	G: yes U:	<i>MCC:</i> POPE, Maurice			
	ETSI publication 01/01/1995 3 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 01/01/1995 3 . 3 . 2	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 03.40	Technical realization of the Short Message Service (SMS)					
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	gsm4 06/05/2003 2 . 1 . 0 Sep 1988	get it	<i>remarks - general:</i>			
	gsm4 06/05/2003 2 . 1 . 1 Nov 1988	get it	<i>remarks - this release:</i>			
	gsm4 06/05/2003 3 . 0 . 0 Apr 1989	get it				
	gsm4 06/05/2003 3 . 4 . 0 Jan 1990	get it				
	gsm4 06/05/2003 3 . 4 . 1 Oct 1990	get it				
	gsm4 06/05/2003 3 . 5 . 0 Feb 1992	get it				
	smg-08 05/09/1997 3 . 6 . 0	get it				
	smg-09 01/01/1995 3 . 7 . 0	get it				

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)								
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Research In Motion Limited			
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	gsm4 06/05/2003 1 . 1 . 1	Sep 1988		get it	<i>remarks - general:</i>				
	gsm4 06/05/2003 1 . 2 . 1	Nov 1988		get it	<i>remarks - this release:</i>				
	gsm4 06/05/2003 2 . 0 . 0	Jan 1988 - rejected GSM-17b		get it					
	gsm4 06/05/2003 3 . 2 . 0	Jan 1990		get it					
	gsm4 06/05/2003 3 . 2 . 1	Oct 1990		get it					
	gsm4 06/05/2003 3 . 3 . 0	Jan 1991		get it					
	ETSI publication 01/01/1995 3 . 4 . 0			get it					
<hr/>									
TR 03.43	Support of Videotex								
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> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	gsm4 06/05/2003 1 . 0 . 1	Jun 1988		get it	<i>remarks - general:</i>				
	ETSI publication 01/01/1995 3 . 0 . 1			get it	<i>remarks - this release:</i>				
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TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	RODERMUND, Friedhelm	Vodafone D2 GmbH			
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	gsm4 06/05/2003 1 . 0 . 0	Sep 1988		get it	<i>remarks - general:</i>				
	gsm4 06/05/2003 1 . 1 . 0	Nov 1988		get it	<i>remarks - this release:</i>				
	gsm4 06/05/2003 2 . 0 . 0			get it					
	ETSI publication 01/01/1995 3 . 0 . 1			get it					
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TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	gsm 06/05/2003 1 . 0 . 0	Sep 1988		get it	<i>remarks - general:</i>				
	gsm 06/05/2003 2 . 0 . 0	Jan 1989		get it	<i>remarks - this release:</i>				
	smg-05 3 . 2 . 0								
	ETSI publication 01/01/1995 3 . 3 . 0	exists in PDF only		get it					

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 2 . 1				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i> 09/10/1997 3 . 0 . 1				get it	<i>remarks - general:</i> SMG9->T3@#31 <i>remarks - this release:</i> .
<hr/>						
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 4 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #4: 3.2.2 #8: 3.3.0 #11: 3.4.0
<hr/>						
TS 03.70	Routing of Calls to/from Public Data Networks (PDN)					
Ph1	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i> gsm4 06/05/2003 1 . 0 . 0 Jul 1988				get it	<i>remarks - general:</i> N3: "no R99 needed".
	gsm4 06/05/2003 2 . 0 . 0 Sep 1988				get it	<i>remarks - this release:</i> .
	ETSI publication 01/01/1995 3 . 0 . 0				get it	
<hr/>						
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 2 . 1				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .

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TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph1 *current version:* 3.2.1
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 2 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

Ph1 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Ph1 *current version:* 3.0.1
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: .

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

Ph1 *current version:* 3.0.2
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 2

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: .

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Ph1 *current version:* 3.0.3
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 3

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs Ph1 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.04	Layer 1 - General Requirements					
Ph1	<i>current version:</i> 3.3.4 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version,</i> ETSI publication 01/01/1995 0 . 0 . 0 3 . 3 . 4	<i>WG (prime / other):</i> G2 / - G: yes U:		<i>rapporteur:</i> ISAACS, Ken <i>MCC:</i> THOMASEN, Gert	SIEMENS AG	
				<i>remarks - general:</i> <i>remarks - this release:</i> .		
		get it				
<hr/>						
TS 04.05	Data Link (DL) Layer General Aspects					
Ph1	<i>current version:</i> 3.1.5 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 1 . 5	<i>WG (prime / other):</i> G2 / - G: yes U:		<i>rapporteur:</i> ANDERSEN, Niels Peter Skov <i>MCC:</i> THOMASEN, Gert	MOTOROLA A/S	
				<i>remarks - general:</i> <i>remarks - this release:</i> .		
		get it				
<hr/>						
TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
Ph1	<i>current version:</i> 3.9.0 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 9 . 0	<i>WG (prime / other):</i> G2 / - G: yes U:		<i>rapporteur:</i> ANDERSEN, Niels Peter Skov <i>MCC:</i> THOMASEN, Gert	MOTOROLA A/S	
				<i>remarks - general:</i> <i>remarks - this release:</i> .		
		get it				
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TS 04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects					
Ph1	<i>current version:</i> 3.3.3 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 3 . 3	<i>WG (prime / other):</i> N1 / - G: yes U:		<i>rapporteur:</i> HOWELL, Andrew <i>MCC:</i> JORGENSEN, Per Johan	MOTOROLA Ltd	
				<i>remarks - general:</i> <i>remarks - this release:</i> .		
		get it				
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TS 04.08	Mobile radio interface layer 3 specification					
Ph1	<i>current version:</i> 3.14.0 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 13 . 0 ETSI publication 15/09/1997 3 . 14 . 0	<i>WG (prime / other):</i> N1 / G2 G: yes U:		<i>rapporteur:</i> HOWELL, Andrew <i>MCC:</i> JORGENSEN, Per Johan	MOTOROLA Ltd	
				<i>remarks - general:</i> 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert <i>remarks - this release:</i> . Thomassen (even numbered CRs!)		
		get it				
		get it				

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Server ACTIVE specs Ph1 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects								
Ph1	current version: 3.2.3 freeze_meeting: gsm-25b	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels Peter Skov KYMALAINEN, Kimmo	MOTOROLA A/S					
	history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 3	G: yes U:	MCC: KYMALAINEN, Kimmo					get it	remarks - general: remarks - this release: .
<hr/>									
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface								
Ph1	current version: 3.3.0 freeze_meeting: gsm-25b	WG (prime / other): N1 / -	rapporteur: NOBUYUKI, Uda JORGENSEN, Per Johan	NTT COMWARE Corporation					
	history (event, available, version, ETSI publication 01/01/1995 3 . 3 . 0	G: yes U:	MCC: JORGENSEN, Per Johan					get it	remarks - general: remarks - this release: #5:3.3.0
<hr/>									
TS 04.12	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface								
Ph1	current version: 3.2.1 freeze_meeting: gsm-25b	WG (prime / other): G2 / T2	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S					
	history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 1	G: yes U:	MCC: THOMASEN, Gert					get it	remarks - general: remarks - this release: .
<hr/>									
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
Ph1	current version: 3.4.0 freeze_meeting: gsm-25b	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha BOSWARTHICK, David	NOKIA Corporation					
	history (event, available, version, gsm4 06/05/2003 2 . 0 . 0 Feb 1988 gsm4 06/05/2003 3 . 0 . 0 Feb 1988 gsm4 06/05/2003 3 . 1 . 0 Jun 1988 ETSI publication 01/01/1995 3 . 4 . 0	G: yes U:	MCC: BOSWARTHICK, David					get it get it get it get it	remarks - general: remarks - this release: .
<hr/>									
TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
Ph1	current version: Switching Centre (BSS - MSC) interface SIEMENS AG	3.7.0	WG (prime / other): N3 / -	rapporteur: KLEHN, Norbert					
	freeze_meeting: gsm-25b history (event, available, version, ETSI publication 01/01/1995 3 . 7 . 0	G: yes U:	MCC: BOSWARTHICK, David					get it	remarks - general: remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

Ph1 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
ETSI publication 01/01/1995 3 . 2 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

Ph1 *current version:* 3.1.3 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 3 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph1 *current version:* 3.1.3 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 3 [get it](#) *remarks - general:*
remarks - this release: .

Ph1 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

Ph1 *current version:* 3.3.2 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
ETSI publication 01/01/1995 3 . 3 . 2 [get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs Ph1 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.02	Multiplexing and Multiple Access on the Radio Path					
Ph1	current version: 3.8.0	WG (prime / other):	G1 / -	rapporteur:	SÉBIRE, Benoist	NOKIA Corporation
	freeze_meeting: gsm-25b	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-15 3 . 7 . 0			remarks - general:		
	smg-16 01/01/1995 3 . 8 . 0			remarks - this release:		
		get it				
<hr/>						
TS 05.03	Channel coding					
Ph1	current version: 3.6.1	WG (prime / other):	G1 / -	rapporteur:	SÉBIRE, Benoist	NOKIA Corporation
	freeze_meeting: gsm-25b	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	ETSI publication 01/01/1995 3 . 6 . 1			remarks - general:		
		get it		remarks - this release: #12: 3.6.1		
<hr/>						
TS 05.04	Modulation					
Ph1	current version: 3.1.2	WG (prime / other):	G1 / -	rapporteur:	SÉBIRE, Benoist	NOKIA Corporation
	freeze_meeting: gsm-25b	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	ETSI publication 01/01/1995 3 . 1 . 2			remarks - general:		
		get it		remarks - this release: .		
<hr/>						
TS 05.05	Radio Transmission and Reception					
Ph1	current version: 3.16.0	WG (prime / other):	G1 / -	rapporteur:	SAMUELSSON, Mats	
	freeze_meeting: gsm-25b	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-04 3 . 14 . 0			remarks - general:		
	smg-06b 3 . 15 . 0			remarks - this release:		
	ETSI publication 01/01/1995 3 . 16 . 0			get it		
<hr/>						
TS 05.08	Radio Subsystem Link Control					
Ph1	current version: 3.8.0	WG (prime / other):	G1 / -	rapporteur:	EL-SAIGH, Amer	VODAFONE Group Plc
	freeze_meeting: gsm-25b	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	ETSI publication 01/01/1995 3 . 8 . 0			remarks - general:		
		get it		remarks - this release:		

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Server ACTIVE specs Ph1 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.10 Radio subsystem synchronization

Ph1 *current version:* 3.5.1
freeze_meeting: gsm-25b
history (event, available, version,
smg-04 01/01/1995 3 . 5 . 1

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri
G: yes U: *MCC:* USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) *remarks - general:*
remarks - this release:

Ph1 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions

Ph1 *current version:* 3.0.0
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino
G: yes U: *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

[get it](#) *remarks - general:*
remarks - this release: .

TS 06.10 Full Rate Speech Transcoding

Ph1 *current version:* 3.2.0
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 2 . 0

WG (prime / other): S4 / - *rapporteur:* LORENZ, Dietmar
G: yes U: *MCC:* USAI, Paolino

PHILIPS Semiconductors

[get it](#) *remarks - general:*
remarks - this release: .

TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

Ph1 *current version:* 3.0.1
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William
G: yes U: *MCC:* USAI, Paolino

NORTEL NETWORKS (EUROPE)

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remarks - this release: .

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Server ACTIVE specs Ph1 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Ph1	current version: 3.0.1 freeze_meeting: gsm-25b	WG (prime / other): S4 / - G: yes U:	rapporteur: SERENO, Daniele MCC: USAI, Paolino		TELECOM ITALIA S.p.A.	
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 1			get it	remarks - general: remarks - this release: .	
<hr/>						
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Ph1	current version: 3.1.0 freeze_meeting: gsm-25b	WG (prime / other): S4 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino		TELECOM ITALIA S.p.A.	
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 0			get it	remarks - general: remarks - this release: .	
<hr/>						
TS 06.32	Voice Activity Detection (VAD)					
Ph1	current version: 3.0.0 freeze_meeting: gsm-25b	WG (prime / other): S4 / - G: yes U:	rapporteur: BARRETT, Paul MCC: USAI, Paolino		Indicate persons who left Company and wait for new One	
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 0			get it	remarks - general: remarks - this release: .	

Ph1 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)					
Ph1	current version: 3.14.0 freeze_meeting: gsm-25b	WG (prime / other): N3 / - G: yes U:	rapporteur: HUSLENDE, Ragnar MCC: BOSWARTHICK, David		Telefon AB LM Ericsson	
	history (event, available, version, gsm-20 3 . 2 . 0 ETSI publication 01/01/1995 3 . 14 . 0			get it	remarks - general: remarks - this release: .	

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Server ACTIVE specs Ph1 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph1 *current version:* 3.8.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
ETSI publication 01/01/1995 3 . 8 . 0
[get it](#) *remarks - general:*
remarks - this release: #2: 3.8.0

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

Ph1 *current version:* 3.4.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
ETSI publication 01/01/1995 3 . 4 . 0
[get it](#) *remarks - general:*
remarks - this release: #5: 3.4.0

Ph1 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

Ph1 *current version:* 3.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: gsm-25b *G: yes U:* *MCC:* Peter Skov
history (event, available, version, THOMASEN, Gert
ETSI publication 01/01/1995 3 . 0 . 1
[get it](#) *remarks - general:*
remarks - this release: .

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph1 *current version:* 3.3.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: gsm-25b *G: yes U:* *MCC:* Peter Skov
history (event, available, version, THOMASEN, Gert
ETSI publication 01/01/1995 3 . 3 . 1
[get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs Ph1 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification					
Ph1	<i>current version:</i> 3.0.3 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 3	G: yes U:	<i>MCC:</i>			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface					
Ph1	<i>current version:</i> 3.5.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 5 . 2	G: yes U:	<i>MCC:</i>			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
Ph1	<i>current version:</i> 3.10.1 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 0 ETSI publication 01/01/1995 3 . 10 . 1	G: yes U:	<i>MCC:</i>			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
Ph1	<i>current version:</i> 3.1.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha BOSWARTHICK, David	NOKIA Corporation		
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 1 . 2	G: yes U:	<i>MCC:</i>			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
Ph1	<i>current version:</i> 3.0.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 2	G: yes U:	<i>MCC:</i>			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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Server ACTIVE specs Ph1 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles					
Ph1	<i>current version:</i> 3.0.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 2	G: yes U:	MCC:			get it <i>remarks - general:</i> <i>remarks - this release:</i> .
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
Ph1	<i>current version:</i> 3.0.1 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 1	G: yes U:	MCC:			get it <i>remarks - general:</i> <i>remarks - this release:</i> .
TS 08.56	BSC-BTS Layer 2; Specification					
Ph1	<i>current version:</i> 3.1.1 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 1 . 1	G: yes U:	MCC:			get it <i>remarks - general:</i> <i>remarks - this release:</i> .
TS 08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification					
Ph1	<i>current version:</i> 3.6.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 0 smg-10 01/01/1995 3 . 6 . 0	G: yes U:	MCC:			get it <i>remarks - general:</i> get it <i>remarks - this release:</i> #10: 3.6.0
TS 08.59	BSC-BTS O&M Signalling Transport					
Ph1	<i>current version:</i> 3.1.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT, USAI, Paolino			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 1 . 0	G: yes U:	MCC:			get it <i>remarks - general:</i> <i>remarks - this release:</i> .

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Server ACTIVE specs Ph1 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels
Ph1 *current version:* 3.3.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: gsm-25b *G: yes U:* *MCC:* Peter Skov USAI, Paolino
history (event, available, version,
ETSI publication 01/01/1995 3 . 3 . 1 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
remarks - this release: .

Ph1 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios
Ph1 *current version:* 3.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 09.02 Mobile Application Part (MAP) Specification
Ph1 *current version:* 3.11.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)
ETSI publication 11/02/1991 3 . 8 . 0 [get it](#) *remarks - this release:*
smg-10 14/06/1994 3 . 9 . 0 [get it](#)
14/10/1994 3 . 10 . 0 [get it](#)
ETSI publication 01/01/1995 3 . 11 . 0 [get it](#)

TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile
Ph1 *current version:* Network (PLMN) 3.0.1 *WG (prime / other):* N3 /- *rapporteur:* BOSWARTHICK, David
ETSI Secretariat
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:* N3: "no R99 needed".
remarks - this release: .

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Server ACTIVE specs Ph1 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 1						get it	<i>remarks - general:</i> N3: "no R99 needed".	<i>remarks - this release:</i> .
<hr/>									
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
Ph1	<i>current version:</i> 3.2.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 2 . 2						get it	<i>remarks - general:</i> N3: "no R99 needed".	<i>remarks - this release:</i> .
<hr/>									
TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)								
Ph1	<i>current version:</i> Network (PSTN)	3.10.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert					
SIEMENS AG									
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 10 . 0						get it	<i>remarks - general:</i>	<i>remarks - this release:</i> #5: 3.8.0 #9: 3.9.0 #14: 3.10.0
<hr/>									
TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)								
Ph1	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	3.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo					
TeliaSonera AB									
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 0						get it	<i>remarks - general:</i>	
	ETSI publication 01/01/1995 3 . 0 . 2						get it	<i>remarks - this release:</i> .	
<hr/>									
TS 09.11	Signalling Interworking for Supplementary Services								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 1						get it	<i>remarks - general:</i>	<i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

Ph1 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10 Mobile Station Conformity Specification

Ph1 current version: 3.23.1
freeze_meeting: gsm-25b

WG (prime / other): G3ne / S1 / rapporteur: LEGRAND, Walter EADS TELECOM

G3ne
w /
NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

First complete	01/01/1992	1	.	0	.	0
gsm-27		3	.	1	.	0
gsm-28		3	.	2	.	0
gsm-29		3	.	3	.	0
gsm-30		3	.	4	.	0
gsm-31		3	.	5	.	0
gsm-32		3	.	6	.	0
smg-01		3	.	7	.	0
smg-02		3	.	8	.	0
smg-03		3	.	9	.	0
smg-04bis		3	.	10	.	0
smg-05		3	.	11	.	0
smg-06		3	.	12	.	0
smg-07		3	.	13	.	0
smg-08 ?	01/01/1996	3	.	14	.	0
smg-08	07/06/1996	3	.	15	.	0
smg-09	07/06/1996	3	.	16	.	0
smg-10	02/09/1996	3	.	17	.	0
smg-11	02/09/1996	3	.	18	.	0
smg-12	02/09/1996	3	.	19	.	0
smg-13	28/06/1996	3	.	20	.	0
smg-15		3	.	21	.	0
smg-16	01/01/1996	3	.	22	.	0
smg-20	16/10/1996	3	.	23	.	0
ETSI publication	30/12/1996	3	.	23	.	1

[get it](#) remarks - general:
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface					
Ph1	<i>current version:</i> 3.16.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 3 . 3	get it	<i>remarks - general:</i>			
	ETSI publication 01/01/1995 3 . 16 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 11.30	Mobile Services Switching Centre					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 2 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 11.31	Home Location Register Specification					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 2 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 11.32	Visitor Location Register Specification					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 2 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 11.40	GSM System Simulator specification					
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> G3ne / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1996 3 . 3 . 0	get it	<i>remarks - general:</i>			
	smg-02 3 . 6 . 0		<i>remarks - this release:</i> #2: 3.6.0 #11: 3.7.0			
	smg-11 01/01/1996 3 . 7 . 0	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

Ph1 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.10 Maintenance Provisions for Operational Integrity of MSs

Ph1 current version: none
freeze_meeting: gsm-25b
history (event, available, version,

WG (prime / other): S5 / rapporteur: TRUSS, Michael
G: yes U: yes MCC: ZOICAS, Adrian

MOTOROLA Ltd

remarks - general:
remarks - this release: .

TS 12.13 Maintenance of the Mobile-services Switching Centre

Ph1 current version: none
freeze_meeting: gsm-25b
history (event, available, version,

WG (prime / other): S5 / rapporteur: TRUSS, Michael
G: yes U: MCC: ZOICAS, Adrian

MOTOROLA Ltd

remarks - general:
remarks - this release: .

TS 12.14 Maintenance of Location Registers

Ph1 current version: none
freeze_meeting: gsm-25b
history (event, available, version,

WG (prime / other): S5 / rapporteur: TRUSS, Michael
G: yes U: MCC: ZOICAS, Adrian

MOTOROLA Ltd

remarks - general:
remarks - this release: .

Ph1 TB .- series Server location: http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR 5 General Attachment Requirements for GSM Mobile Stations

Ph1 current version: none
freeze_meeting: gsm-25b
history (event, available, version,

WG (prime / other): MSG / - rapporteur: FREEMAN, David MOTOROLA
G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph1 TB .- series
http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR 9 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph1 *current version:* none *WG (prime / other):* MSG / - *rapporteur:* FREEMAN, David MOTOROLA
freeze_meeting: gsm-25b G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,

remarks - general:
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2

22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.167 (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 1)

current version: none *WG (prime / other):* S1 / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: G: U: yes *MCC:* CLAYTON, Michael One
history (event, available, version,

remarks - general:
remarks - this release:

23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.167 (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 2)

current version: none *WG (prime / other):* S2 / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: G: U: yes *MCC:* YOON, Sang-Ui One
history (event, available, version,

remarks - general:
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.103 (pending) <i>current version: none</i> <i>freeze_meeting:</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / <i>G:</i> <i>U:</i> yes	<i>rapporteur:</i> N, A <i>MCC:</i> ZOICAS, Adrian	Indicate persons who left Company and wait for new One
	<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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Server WITHDRAWN specs <?> 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

WITHDRAW specs

<?>

<?> 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.234 <?>	(reserved for future WLAN I/w stage 1) current version: none freeze_meeting:	WG (prime / other): S2 / -	rapporteur: N, A	Indicate persons who left Company and wait for new One
history (event, available, version,		G: U: yes	MCC: YOON, Sang-Ui	
			remarks - general: Withdrawn: see conclusions (clause 7,3) of 22.934.	
			remarks - this release: .	

<?> 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.801 <?>	(reserved for T1 RF group) current version: none freeze_meeting:	WG (prime / other): T1 /	rapporteur: N, A	Indicate persons who left Company and wait for new One
history (event, available, version,		G: U: yes	MCC: SULTAN, Alain	
			remarks - general: 2002-09-16: -> 34.901.	
			remarks - this release: .	

Rel-6

Rel-6 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-6 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.104 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (Rel-6)

Rel-6 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,

remarks - general: 2003-05: Title changed from "3rd Generation mobile system Release 6
remarks - this release: SP-20: Superseded by 21.101 Rel-4. specifications". SP-20: Superseded by 21.101

Rel-4.

Rel-6 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.976 Study on PS domain services and capabilities

Rel-6 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
freeze_meeting: *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-08 28/06/2000 2 . 0 . 0 SP-19: txverred from Rel-5 [get it](#)

remarks - general: 2003-04-07 Clayton: scrapped.
remarks - this release: 2003-04-07 Clayton: scrapped.

Rel-6 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.195 Provision of User Equipment Specific Behaviour Information (UESBI) to network entities

Rel-6 *current version:* none *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: *G:* yes *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,

remarks - general: Created as a result of 23.895.
remarks - this release: SP-20: is in fact a Rel-5 doc.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.340	(reserved for:" IP Multimedia Subsystem (IMS) messaging; Stage 2")								
Rel-6	current version: none freeze_meeting:	WG (prime / other): S2 /	rapporteur: N, A						Indicate persons who left Company and wait for new One
	history (event, available, version,	G: U: yes	MCC: YOON, Sang-Ui						
								remarks - general: remarks - this release: .	
<hr/>									
TR 23.876	Push architecture								
Rel-6	current version: none freeze_meeting:	WG (prime / other): S2 / -	rapporteur: YOON, Sang-Ui						KT Freetel Co., Ltd.
	history (event, available, version,	G: U: yes	MCC: YOON, Sang-Ui						
	S2-29 0 . 0 . 0							remarks - general: 2003-02-04: -> 23.976	
	S2-29 03/02/2003 0 . 0 . 1							remarks - this release: 2003-02-04: -> 23.976	
		get it							
<hr/>									
TR 23.964	Commonality and interoperability between IP Multimedia System (IMS) core networks								
Rel-6	current version: none freeze_meeting:	WG (prime / other): S2 / -	rapporteur: BERTENYI, Balazs						NOKIA Corporation
	history (event, available, version,	G: U: yes	MCC: YOON, Sang-Ui						
	S2-29 03/02/2003 0 . 3 . 1							remarks - general: 2003-02-03: Renumbered to 23.864.	
		get it						remarks - this release: 2003-02-03: Renumbered to 23.864.	

Rel-6 **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.150	(Reserved for: "Telecommunication management; User Equipment Management (UEM); UEM protocol specification; Stage 3")								
Rel-6	current version: none freeze_meeting:	WG (prime / other): T2 / -	rapporteur: MUDGE, John						VODAFONE Group Plc
	history (event, available, version,	G: U: yes	MCC: RODERMUND, Friedhelm						
								remarks - general: Justification: see SP-020608. Stages 1 & 2: 32.150. Provisional	
								remarks - this release: provisional TP-18: rapporteur not confirmed.	

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-6 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

Rel-6 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.108 Telecommunication management; Subscriber and equipment trace

Rel-6 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
G: *U:* yes *MCC:* ZOICAS, Adrian

remarks - general: 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,
remarks - this release: SP-05: Left overs from Rel-5. 2002-04-29: source Christian Toche - will not be published. Replace with 32.411, 32..42x
and 52.008.

Rel-6 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.910 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution

Rel-6 *current version: none*
freeze_meeting:

WG (prime / other): S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
G: *U:* yes *MCC:* POPE, Maurice

remarks - general: WI = NDS Authentication Framework (approved SP-16). 2002-07-22: decided not
remarks - this release: . to publish, so -> 33.810.

Rel-6 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.104 Technical Specifications and Technical Reports for a GERAN-based 3GPP system (Rel-6)

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: post-SP-19: title changed to align with 01.01 SP-20: Superseded by 41.101 Rel-6.
remarks - this release: SP-20: Superseded by 41.101 Rel-6.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-6 41 .- series
http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS

Rel-6 *current version: none*
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): G1 / *rapporteur:* GROSS, Robert
G: yes U: USAI, Paolino

TruePosition Inc.

remarks - general: Renumbered to 45.811.
remarks - this release: Renumbered to 45.811.

Rel-6 **42** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-6 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian
G: yes U: DIETZE, Claus

SchlumbergerSema - Schlumberger Systèmes S.A

remarks - general: TP-17: From Rel-6, transferred to ETSI TS 102 240.
remarks - this release: TP-17: Technical contents transferred to ETSI SCP. Replaced by ETSI TS 102

Rel-6 **45** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.202 reserved for radio spec "Flexible layer 1" based on 45.902

Rel-6 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: USAI, Paolino

NOKIA Corporation

remarks - general:
remarks - this release: .

Rel-6 **49** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-6 49 .- series
http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-6 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: *G:* yes *U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994
handling both "GSM" and "UMTS" problems.

Rel-5

Rel-5 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.103 3rd Generation mobile system Release 5 specifications

Rel-5 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* POPE, Maurice

history (event, available, version,

SP-12		0	.	0	.	0		SP-010275	
SP-12	05/07/2001	0	.	1	.	0		SP-010381	get it
SP-13	01/10/2001	1	.	0	.	0		SP-010418	get it
SP-15	19/03/2002	1	.	1	.	0		SP-020095	get it
SP-15	19/03/2002	1	.	2	.	0		SP-020202	get it
SP-16		2	.	0	.	0			
SP-16		2	.	1	.	0		SP-020274	
SP-16		2	.	2	.	0		SP-020401	
SP-16	19/06/2002	5	.	0	.	0		SP-020411	get it
SP-17	18/09/2002	5	.	1	.	0			get it
SP-18	03/01/2003	5	.	2	.	0			get it
SP-19	27/03/2003	5	.	3	.	0			get it
SP-20	25/06/2003	5	.	4	.	0		withdrawn -> 21.101	get it

remarks - general: SP-20: Superseded by 21.101 Rel-5.
remarks - this release: SP-20: Superseded by 21.101 Rel-5.

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.877 Radio optimization impacts on the Packet Switched (PS) domain architecture

Rel-5 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* LAUTIER, Laurence NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,

draft	15/04/2002	0	.	2	.	0		get it	<i>remarks - general:</i>
draft	14/08/2002	0	.	4	.	0		get it	<i>remarks - this release:</i> SP-20: -> Rel-6.
draft	17/09/2002	0	.	5	.	0		get it	
draft	16/12/2002	0	.	6	.	0		get it	
draft	24/02/2003	0	.	7	.	0	-> Rel-6	get it	

Rel-5 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.141 Presence service; Stage 1

Rel-5 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* WOHLERT, Randolph SBC Communications Inc.
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,

SP-12	27/06/2001	1	.	0	.	0	SP-010364 (replaces SP-010265)	get it	<i>remarks - general:</i>
SP-13	01/10/2001	2	.	0	.	0	SP-010444	get it	<i>remarks - this release:</i> SP-16: moved to Rel-6
SP-13	05/10/2001	5	.	0	.	0		get it	
SP-14	10/01/2002	5	.	1	.	0		get it	
SP-15	28/03/2002	5	.	2	.	0	TP-16: moved to Rel-6	get it	

TS 22.146 Multimedia Broadcast/Multicast Service (MBMS); Stage 1

Rel-5 *current version:* none *WG (prime / other):* S1 / *rapporteur:* JARVIS, Andre 3
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,

SP-13	01/10/2001	2	.	0	.	0	SP-010443	get it	<i>remarks - general:</i> Replaces 22.946. Note that stage 2 is 23.246.
SP-13	05/10/2001	5	.	0	.	0		get it	<i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5. SP-16 formally withdrw Rel-5.
SP-14	10/01/2002	5	.	1	.	0		get it	
SP-15	28/03/2002	5	.	2	.	0	SP-16: withdrawn.	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.174	Push service; Stage 1								
Rel-5	current version: none freeze_meeting: SP-15 history (event, available, version,	WG (prime / other): S1 / G: yes U: yes		rapporteur: WOLAK, Stephen MCC: CLAYTON, Michael		VODAFONE Group Plc			
							remarks - general: remarks - this release: SP-15: Timed out of Rel-5.		
TS 22.240	Service requirements for 3GPP Generic User Profile (GUP); Stage 1								
Rel-5	current version: none freeze_meeting: SP-15 history (event, available, version, draft	WG (prime / other): S1 / G: U: yes	0 . 5 . 0	rapporteur: AMERY, Paul MCC: CLAYTON, Michael	S1-020186	ORANGE PCS LTD			
							remarks - general: Cf work item 'Generic user profile' remarks - this release: SP-15: Delayed to Rel-6		
TS 22.243	Speech recognition framework for automated voice services; Stage 1								
Rel-5	current version: none freeze_meeting: SP-15 history (event, available, version, S1 draft SP-14 02/01/2002	WG (prime / other): S1 / G: yes U: yes	0 . 0 . 2 1 . 0 . 0	rapporteur: WILLIAMS, David Hugh MCC: CLAYTON, Michael	SP-010680	QUALCOMM EUROPE S.A.R.L.			
					get it		remarks - general: remarks - this release: SP-15: Delayed to Rel-6.		
TR 22.928	IP-based multimedia services examples								
Rel-5	current version: none freeze_meeting: SP-15 history (event, available, version,	WG (prime / other): S1 / G: U: yes		rapporteur: CATALDO, Mark MCC: CLAYTON, Michael		Openwave Systems (N.I.) Ltd			
							remarks - general: 2003-04-07 Clayton: scrapped. remarks - this release: 2003-04-07 Clayton: scrapped.		
TR 22.941	IP based multimedia framework; Stage 0								
Rel-5	current version: none freeze_meeting: SP-15 history (event, available, version, draft 05/07/2001 SP-12 05/07/2001 draft 15/10/2001 SP-14 02/01/2002	WG (prime / other): S1 / G: U: yes	0 . 1 . 0 0 . 2 . 4 0 . 4 . 1 0 . 7 . 0	rapporteur: WOHLERT, Randolph MCC: CLAYTON, Michael	S1-010359, SP-010359 - not seen by SA1. NP-010701 (!)	SBC Communications Inc.			
					get it get it get it get it		remarks - general: 2003-04-07 Clayton: scrapped. remarks - this release: TP-16: likely to drop out of Rel-5 if no progress soon. SP-18: annex C presented at "evolution" workshop (EV-020021). 2003-04-07 Clayton: scrapped.		

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.946	Broadcast and multicast services				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael		
<i>history (event, available, version,</i>		get it	<i>remarks - general:</i> Replaced by 22.146.		
SP-12 27/06/2001 1 . 0 . 0 SP-010267			<i>remarks - this release:</i> To be scrapped SP-13. 2001-11-28: assume to be withdrawn since 22.146 approved at SP-13.		
<hr/>					
TR 22.976	Study on PS domain services and capabilities				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael		
<i>history (event, available, version,</i>		get it	<i>remarks - general:</i> 2003-04-07 Clayton: scrapped.		
SP-08 28/06/2000 2 . 0 . 0 transferred from Rel-4.			<i>remarks - this release:</i> 2001-12-04: Rel4->Rel-5 (Clayton). SP-19: -> Rel-6		

Rel-5 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.073	Support of Localised Service Area (SoLSA); Stage 2				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>			<i>remarks - general:</i> Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.		
SP-09			<i>remarks - this release:</i> SP-16: ->43.073 since applies to GERAN systems only.		
<hr/>					
TS 23.121	Architectural requirements for Release 1999				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui		
<i>history (event, available, version,</i>			<i>remarks - general:</i>		
SP-09 5 . 0 . 0			<i>remarks - this release:</i> Oct00: CRs were approved by accident, it seems. Intention was to create 23.221 v5.0.0 rather than a Rel-5 of this spec. CR will be retrospectively withdrawn.		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.174 Push service; stage 2

Rel-5 *current version:* none

freeze_meeting:

history (event, available, version,

WG (prime / other): S2 /

G: *U:* yes

rapporteur: WOLAK, Stephen

MCC: YOON, Sang-Ui

VODAFONE Group Plc

remarks - general: Rapporteur: "note that there are currently no plans for a Push stage 2 but it is

remarks - this release: SP-17: Rel-5 -> Rel-6 to accord with stage 1. good to reserve the number just in

case ...".

TS 23.178 Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2

Rel-5 *current version:* none

freeze_meeting: NP-15

history (event, available, version,

WG (prime / other): N2 / -

G: yes *U:* yes

rapporteur: HOMANN, Christian

MCC: JURISIC, Andrijana

ALCATEL SEL AG

remarks - general: 2001-10-26: renumbered to 23.278.

remarks - this release: 2001-10-26: renumbered to 23.278.

TS 23.240 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)

Rel-5 *current version:* none

freeze_meeting: SP-15

history (event, available, version,

WG (prime / other): S2 /

G: *U:* yes

rapporteur: UZQUIANO, Nacho

MCC: YOON, Sang-Ui

TELEFONICA DE ESPAÑA SA

remarks - general: Cf work item 'Generic user profile'

remarks - this release: -> Rel-6

draft 0 . 2 . 0
draft 0 . 3 . 0
S2-23 0 . 4 . 0
post S2-23 0 . 4 . 1
S2-25 0 . 5 . 1
S2-26 0 . 6 . 0
S2-26 0 . 6 . 1
S2-27 0 . 7 . 0
S2-27 0 . 7 . 1
S2-28 0 . 8 . 0
post S2-28 0 . 9 . 0
S2-29 0 . 10 . 0
post S2-29 0 . 11 . 0
SP-19 24/03/2003 0 . 12 . 0

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.241	3GPP Generic User Profile (GUP) ; Stage 2; Data description method								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> BISCHINGER, Kurt	T-Mobile AUSTRIA GmbH				
	<i>freeze_meeting:</i> TP-15		G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm					
	<i>history (event, available, version,</i>								
	draft	0 . 1 . 0					<i>remarks - general:</i> Cf work item "Generic user profile"		
	draft	0 . 2 . 0					<i>remarks - this release:</i> TP-15: Delayed to Rel-6.		
<hr/>									
TS 23.246	Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description (Stage 2)								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	3				
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version,</i>								
							<i>remarks - general:</i> Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in		
							<i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5.		
<hr/>									
TR 23.841	Presence service architecture								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MAANSAARI, Kirsi	NOKIA KOREA				
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version,</i>								
	draft 21/01/2002	0 . 3 . 0					<i>remarks - general:</i>		
	draft	0 . 5 . 0		get it			<i>remarks - this release:</i> -> Rel-6		
	SP-15 19/03/2002	1 . 0 . 0		get it					
	S2-24	1 . 1 . 0							
<hr/>									
TR 23.846	Multimedia Broadcast/Multicast Service (MBMS); Stage 2								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	3				
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version,</i>								
	draft 03/01/2002	0 . 0 . 1					<i>remarks - general:</i> This is a preparatory report which may result in the creation of a stage 2 TS		
	S2-22 22/01/2002	0 . 1 . 0		get it			<i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5.		
	draft 19/03/2002	0 . 2 . 0		get it					
<hr/>									
TR 23.908	Technical report on Pre-Paging								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB				
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-16	5 . 0 . 0					<i>remarks - general:</i>		
							<i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.909	Technical report on the Gateway Location Register								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> NP-15		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> PARK, Ian David Chalmers	VODAFONE LTD			
			<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i> NP-16	5 . 0 . 0	2002-06-21: Kymalainen: no need to upgrade to Rel-5.		<i>remarks - general:</i> <i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.					
TR 23.911	Technical report on Out-of-band transcoder control								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> NP-15		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB			
			<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i> NP-16	5 . 0 . 0	2002-06-21: Kymalainen: no need to upgrade to Rel-5.		<i>remarks - general:</i> <i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.					
TR 23.912	Technical report on Super-Charger								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> NP-15		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)			
			<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i> NP-16	5 . 0 . 0	2002-06-21: Kymalainen: no need to upgrade to Rel-5.		<i>remarks - general:</i> <i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.					
TR 23.915	Charging implications of IMS architecture								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-15		<i>WG (prime / other):</i> S2 /		<i>rapporteur:</i> MILINSKI, Alexander	SIEMENS AG			
			<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> YOON, Sang-Ui				
<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> .					
TR 23.955	Virtual Home Environment (VHE) concepts								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-16		<i>WG (prime / other):</i> S2 / -		<i>rapporteur:</i> SULTAN, Alain	SOURCE COM			
			<i>G:</i> <i>U:</i> yes		<i>MCC:</i> YOON, Sang-Ui				
<i>history (event, available, version,</i>									
draft 08/01/2001	0 . 0 . 0		get it	<i>remarks - general:</i> SP-20: stopped					
draft 24/01/2001	0 . 1 . 0		get it	<i>remarks - this release:</i> SP-20: stopped					

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.974 Support of push service
Rel-5 *current version:* none *freeze_meeting:* SP-15
history (event, available, version,
SP-13 01/10/2001 2 . 0 . 0 SP-010508 - approved as 23.875 [get it](#)

WG (prime / other): S2 / *rapporteur:* UDA, Nobuyuki NTT COMWARE Corporation
G: *U:* yes *MCC:* YOON, Sang-Ui

remarks - general: SP-13: changed number to 23.875.
remarks - this release: May-2001: Sultan wonders whether this spec is needed. SP-13: Concern that this is a poor title - it is NOT a real stage 2.

Rel-5 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.241 3GPP Generic User Profile (GUP) requirements; Stage 3; Access; Common objects
Rel-5 *current version:* none *freeze_meeting:* TP-16
history (event, available, version,

WG (prime / other): T2 / *rapporteur:* HOLOUBEK, Kevin J. Motorola Inc.
G: *U:* yes *MCC:* RODERMUND, Friedhelm

remarks - general: Cf work item "Generic user profile" - may be renumbered to 27.241
remarks - this release: 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

Rel-5 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.855 High Speed Downlink Packet Access (HSDPA); Overall UTRAN description
Rel-5 *current version:* none *freeze_meeting:* RP-15
history (event, available, version,
RP-12 19/06/2001 1 . 0 . 0 RP-010345 [get it](#)
RP-13 01/10/2001 2 . 0 . 0 RP-010562 [get it](#)
RP-13 02/10/2001 5 . 0 . 0 [get it](#)

WG (prime / other): R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
G: *U:* yes *MCC:* ARZELIER, Claude

remarks - general:
remarks - this release: RP-13: This TR has been replaced by TS 25.308.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.856	High Speed Downlink Packet Access (HSDPA); Layer 2 and 3 aspects					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> RP-15 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> R2 / <i>G:</i> U: yes		<i>rapporteur:</i> KUCHIBHOTLA, Ravi <i>MCC:</i> ARZELIER, Claude	MOTOROLA Ltd	
				<i>remarks - general:</i> 2003-05-26: stopped <i>remarks - this release:</i> 2003-05-26: stopped		
<hr/>						
TR 25.857	UE positioning enhancements					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> RP-15 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> R2 / <i>G:</i> U: yes		<i>rapporteur:</i> BECKMANN, Mark <i>MCC:</i> ARZELIER, Claude	SIEMENS AG	
				<i>remarks - general:</i> 2003-05-26: stopped <i>remarks - this release:</i> 2003-05-26: stopped		
<hr/>						
TR 25.861	RNC - SMLC location protocol					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> RP-15 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> R2 / <i>G:</i> U: yes		<i>rapporteur:</i> MIKOLA, Juha <i>MCC:</i> ARZELIER, Claude	NOKIA Corporation	
				<i>remarks - general:</i> RP-15: abandoned in favour of directly writing the stage 3 spec. <i>remarks - this release:</i> RP-15: abandoned in favour of directly writing the stage 3 spec.		
<hr/>						
TR 25.869	Transmitter diversity solutions for multiple antennas					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> RP-15 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> R1 / - <i>G:</i> U: yes		<i>rapporteur:</i> KIM, Sung-Jin <i>MCC:</i> SASAKI, Tsukasa	Samsung Electronics Ind. Co., Ltd.	
	RP-12 28/06/2001 1 . 0 . 0 RP-010344 RP-13 01/10/2001 1 . 0 . 1 RP-010637 RP-15 19/03/2002 1 . 0 . 2 RP-020130 - RP-20: to Rel-6	get it get it get it		<i>remarks - general:</i> <i>remarks - this release:</i> RP-20: to Rel-6.		
<hr/>						
TR 25.885	UMTS 1800 / 1900 MHz work items report					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> RP-15 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> R4 / <i>G:</i> U: yes		<i>rapporteur:</i> NUMMINEN, Jussi <i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar	NOKIA Corporation	
	RP-13 01/10/2001 1 . 0 . 0 RP-010672. RP-17: withdrawn.	get it		<i>remarks - general:</i> RP-17: withdrawn. RP-18 unwithdrawn. <i>remarks - this release:</i> RP-17: withdrawn.		
<hr/>						

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.886 Small technical enhancements and improvements work item

Rel-5 *current version: none* WG (prime / other): R4 / rapporteur:
freeze_meeting: RP-15 G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
remarks - general:
remarks - this release: RP-17: withdrawn.

TR 25.887 Beamforming

Rel-5 *current version: none* WG (prime / other): R1 / - rapporteur: KAHTAVA, Jussi Nokia Japan Co, Ltd
freeze_meeting: RP-15 G: U: yes MCC: SASAKI, Tsukasa
history (event, available, version,
 R1-22 0 . 0 . 1 R1-011342 *remarks - general:*
 RP-14 07/12/2001 1 . 0 . 0 RP-010800 [get it](#) *remarks - this release: RP-15: Deferred to Rel-6.*

TR 25.888 Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD

Rel-5 *current version: none* WG (prime / other): R1 / - rapporteur: LI, Xiaoqiang SAMSUNG Electronics Research Institute
freeze_meeting: RP-16 G: U: yes MCC: SASAKI, Tsukasa
history (event, available, version,
 RP-17 24/09/2002 1 . 0 . 0 RP-020508 [get it](#) *remarks - general:*
remarks - this release: -> Rel-6

TR 25.893 Radio access bearer scenarios

Rel-5 *current version: none* WG (prime / other): R2 / - rapporteur: MIKOLA, Juha NOKIA Corporation
freeze_meeting: RP-19 G: U: yes MCC: ARZELIER, Claude
history (event, available, version,
remarks - general: 2003-05-26: to be stopped.
remarks - this release: 2003-05-26: to be stopped, relevant partsto be moved to 25.993. RP-20: to Rel-6
(but expected to be stopped in 2003-09 and contents moved to 25.993).

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.951 Base Station (BS) classification (FDD)

Rel-5 *current version:* none
freeze_meeting: RP-16

WG (prime / other): R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation

G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-13	01/10/2001	1	.	1	.	0	moved from Rel-4
R4-23		1	.	2	.	0	R4-020688
R4-24		1	.	3	.	0	R4-021073, R4-021376, R4-021377
R4-25		1	.	4	.	0	R4-021430 et al
draft		1	.	4	.	1	
R4-26		1	.	5	.	0	R4-021695 et al
R4-26		1	.	5	.	1	R4-030210

[get it](#)

remarks - general:

remarks - this release: 2002-01-24: Gutierrez: moved from Rel-4. RP-19: to Rel-6.

Rel-5 **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.104 vObjects and other constructs for data synchronization

Rel-5 *current version:* none
freeze_meeting: TP-15

WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.

G: U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,

TP-10	05/01/2001	0	.	1	.	1	SP-000657
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[get it](#)

remarks - general:

TP-14: may be merged with 24.241. 2003-01-31: T2 Secretary confirmst that this

remarks - this release: TSG#11:Rel4->Rel5. 2003-01-31: T2 Secretary confirmst that this spec is spec is

scrapped.

TS 27.226 Global Text telephony (GTT);Terminal aspects

Rel-5 *current version:* none
freeze_meeting: TP-15

WG (prime / other): T2 / - *rapporteur:* HELLSTROM, Gunnar Omnitron AB

G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,

remarks - general: SP-16: to "GERAN" set.

remarks - this release: WI approved TSG#7. WG Secretary 2001-08-30: No need for any terminal spec for this application; so stopped.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

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

remarks - general: 2003-01-31: T2 Secretary confirmst that this spec is scrapped.
remarks - this release: 2003-01-31: T2 Secretary confirmst that this spec is scrapped.

Rel-5 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.162 Interworking between the IM CN subsystem and IP networks

Rel-5 *current version:* none *WG (prime / other):* N3 / *rapporteur:* HOLLAND, Nigel mmO2 plc
freeze_meeting: NP-16 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,

draft 01/06/2001 0 . 1 . 0

draft 08/11/2001 0 . 3 . 0

draft 14/01/2002 0 . 4 . 0

draft 18/02/2002 0 . 6 . 1

NP-15 19/03/2002 1 . 0 . 0 NP-020076

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

remarks - general:

remarks - this release: NP-19: to Rel-6

TS 29.163 Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks

Rel-5 *current version:* none *WG (prime / other):* N3 / *rapporteur:* SANDERS, David VODAFONE Group Plc
freeze_meeting: NP-18 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,

N3-16 0 . 0 . 0

N3-17 01/06/2001 0 . 1 . 0 N3-010185, N3-010199, N3-010201 and [get it](#)

N3-010210

N3-18 0 . 2 . 0 N3-010312, N3-010315

N3-19 09/11/2001 0 . 3 . 0 N3-010462, N3-010427 [get it](#)

NP-14 02/01/2002 1 . 0 . 0 NP-010565 [get it](#)

N3-21 1 . 1 . 0

NP-15 18/02/2002 1 . 2 . 0 NP-020077 ex N3-21 [get it](#)

editorials 1 . 2 . 1

N3-23 1 . 3 . 1 N3-020441

remarks - general:

remarks - this release: NP-16: shifted to Rel-6.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, NP-16 5 . 0 . 0 Interim step; not to be produced. See *remarks - general:*
sub-parts. *remarks - this release:* Split into sub-parts.

TS 29.198-09 Open Service Access (OSA) Application Programming Interface (API); Part 9: Generic messaging SCF

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian One
history (event, available, version,
915-9. *remarks - general:* No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-9 and Parlay 4 -
remarks - this release: 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. ES 202

TS 29.198-10 Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian One
history (event, available, version,
202 915-10. *remarks - general:* No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-10 and Parlay 4
remarks - this release: 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. - ES

TS 29.203 Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)

Rel-5 *current version:* none *WG (prime / other):* N4 / *rapporteur:* YOUNG, Michael MOTOROLA Ltd
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
remarks - general: superseded by 29.903
remarks - this release: . TSG#11:creation; superseded by 29.903

TS 29.226 reserved

Rel-5 *current version:* none *WG (prime / other):* N4 / *rapporteur:* VACANT,
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
remarks - general:
remarks - this release: WI approved TSG#7

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.240 Generic User Profile (GUP); Stage 3; Network

Rel-5 *current version:* none
freeze_meeting: NP-16
history (event, available, version,

WG (prime / other): N4 / *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: *U:* yes *MCC:* KYMALAINEN, Kimmo

remarks - general: Cf work item "Generic user profile" - may be renumbered to 27.241
remarks - this release: 2002-03-05: Delayed to Rel-6.

TR 29.993 Modifications to be incorporated in equipment to cater for errors in the standards

Rel-5 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): RP / - *rapporteur:* COURAU, François ALCATEL S.A.
G: yes *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general: RP-19: stopped.
remarks - this release: .

TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 2: INAP

Rel-5 *current version:* none
freeze_meeting: NP-15
history (event, available, version,

WG (prime / other): N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
G: *U:* yes *MCC:* ZOICAS, Adrian

remarks - general:
remarks - this release: SP-14 stopped.

TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 3: MEGACO mapping

Rel-5 *current version:* none
freeze_meeting: NP-15
history (event, available, version,

WG (prime / other): N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
G: *U:* yes *MCC:* ZOICAS, Adrian

remarks - general:
remarks - this release: 2003-01-15: abandoned by N5

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 2: INAP mapping

Rel-5 *current version:* none
freeze_meeting: NP-16
history (event, available, version,

WG (prime / other): N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
G: *U:* yes *MCC:* ZOICAS, Adrian

remarks - general:
remarks - this release: 2003-01-15: abandoned by N5

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 3: MEGACO mapping

Rel-5 *current version: none* WG (prime / other): N5 / rapporteur: UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-16 G: U: yes MCC: ZOICAS, Adrian
history (event, available, version,

remarks - general:
remarks - this release: 2003-01-15: abandoned by N5

Rel-5 **30** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.002 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-5 *current version: none* WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-15 G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version,
NP-18 07/01/2003 5 . 0 . 0 NP-19: renumbered to 30.902. [get it](#)

remarks - general: NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series UMTS
remarks - this release: NP-18: Evidently Rel-5 is indeed required! studies.

Rel-5 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.115 Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications

Rel-5 *current version: none* WG (prime / other): T3 / - rapporteur: VIALLET, Sophie GEMPLUS Card International
freeze_meeting: TP-16 G: U: yes MCC: DIETZE, Claus
history (event, available, version,
TP-15 19/03/2002 0 . 0 . 2 TP-020031
TP-15 19/03/2002 1 . 0 . 0 TP-020075 [get it](#)

remarks - general: additional rapporteur: Florence Martin.
remarks - this release: TP-16: offered for approval as Rel-6, so scrap Rel-5.

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.116 Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
freeze_meeting: TP-16 *G:* yes *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-15 19/03/2002 0 . 1 . 0 TP-020032 [get it](#) *remarks - general:* additional rapporteur: Florence Martin
TP-15 19/03/2002 1 . 0 . 0 TP-020076 [get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

TS 31.131 C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API

Rel-5 *current version:* none *WG (prime / other):* T3 / *rapporteur:* TON, Wim ASPECTS Software Ltd
freeze_meeting: TP-16 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-14 02/01/2002 1 . 0 . 0 TP-010249 [get it](#) *remarks - general:* Test spec is 34.131.
remarks - this release: TP-17: Clear that the spec is Rel-6 not Rel-5.

Rel-5 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.108 Telecommunication management; Subscriber and equipment trace

Rel-5 *current version:* none *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
draft 08/11/2001 0 . 0 . 1 [get it](#) *remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,
draft 26/02/2002 0 . 1 . 0 [get it](#) *remarks - this release:* SP-15: Partial service only. 32..42x and 52.008.

TS 32.112 Telecommunication management; Fault Management; Alarm Integration Reference Point: Information Service

Rel-5 *current version:* none *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
remarks - general: SP-15: stopped, no draft ever having been produced.
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.113	Telecommunication management; Fault Management; Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.
									<i>remarks - this release:</i> .
<hr/>									
TS 32.114	Telecommunication management; Fault Management; Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.
									<i>remarks - this release:</i> .
<hr/>									
TS 32.140	Telecommunication management; Services operations management; Subscription management requirements								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ISLIP, John	Lucent Technologies Network Systems UK					
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	draft 27/06/2001 0 . 1 . 3		get it	<i>remarks - general:</i>					
	draft 21/01/2002 0 . 5 . 4		get it	<i>remarks - this release:</i> SP-15: move to Rel-6.					
	draft 28/01/2002 0 . 5 . 5		get it						
<hr/>									
TS 32.312-2	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i> -> 32.112
									<i>remarks - this release:</i> .
<hr/>									
TS 32.681	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> SP-17: moved to Rel-6.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.682	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Information service				
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-17 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> PAL, Tapinder MCC: ZOICAS, Adrian	T-MOBILE DEUTSCHLAND	
			<i>remarks - general:</i> <i>remarks - this release:</i> SP-17: moved to Rel-6.		
<hr/>					
TS 32.683	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set				
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-17 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> PAL, Tapinder MCC: ZOICAS, Adrian	T-MOBILE DEUTSCHLAND	
			<i>remarks - general:</i> <i>remarks - this release:</i> SP-17: moved to Rel-6.		
<hr/>					
TS 32.684	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set				
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-17 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> PAL, Tapinder MCC: ZOICAS, Adrian	T-MOBILE DEUTSCHLAND	
			<i>remarks - general:</i> <i>remarks - this release:</i> SP-17: moved to Rel-6.		
<hr/>					
TR 32.801	Performance management				
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-15 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / G: U: yes	<i>rapporteur:</i> KORINEK, Frank MCC: ZOICAS, Adrian	MOTOROLA JAPAN LTD	
			<i>remarks - general:</i> (Release 4/5 Building Block: OAM-PM) <i>remarks - this release:</i> 2001-08-27: S5 Secretary: no document to be produced.		

Rel-5 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.800 Principles for Network Domain Security

Rel-5 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): S3 / - *rapporteur:* ESCOTT, Adrian 3
G: U: yes *MCC:* POPE, Maurice

remarks - general: 2002-06-26: Item abandoned, since seems unlikely any more work will be done on
remarks - this release: .2002-06-26: Item abandoned, since seems unlikely any more work will be done on

Rel-5 41 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.103 GSM Release 5 specifications

Rel-5 *current version: none*
freeze_meeting: SP-16
history (event, available, version,

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: yes U: *MCC:* POPE, Maurice

remarks - general: SP-20: Superseded by 41.101 Rel-5.
remarks - this release: SP-20: Superseded by 41.101 Rel-5.

SP-12		0	.	0	.	0		SP-010278	
SP-12	05/07/2001	0	.	1	.	0		SP-010384	get it
SP-13	01/10/2001	1	.	0	.	0		SP-010421	get it
SP-15	19/03/2002	1	.	1	.	0		SP-020098	get it
SP-15	19/03/2002	1	.	2	.	0		SP-020203	get it
SP-16		2	.	0	.	0		SP-020271	
SP-16		2	.	1	.	0		SP-020398	
SP-16		2	.	2	.	0		SP-020410	
SP-16	19/06/2002	5	.	0	.	0			get it
SP-17	18/09/2002	5	.	1	.	0			get it
SP-18	03/01/2003	5	.	2	.	0			get it
SP-19	27/03/2003	5	.	3	.	0			get it
SP-20	25/06/2003	5	.	4	.	0		withdrawn -> 41.101	get it

Rel-5 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1
Rel-5 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: SP-15 G: yes U: *MCC:* POPE, Maurice One
history (event, available, version,
SP-16 24/06/2002 5 . 0 . 0 SP-18: withdrawn. [get it](#) *remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

TS 42.032 Immediate Service Termination (IST); Service description; Stage 1
Rel-5 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: SP-15 G: yes U: *MCC:* POPE, Maurice One
history (event, available, version,
remarks - general: SP-16: withdrawn in favour of 22.032.
remarks - this release: SP-16: withdrawn in favour of 22.032.

Rel-5 **43** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.031 Fraud Information Gathering System (FIGS); Service description; Stage 2
Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: SP-15 G: yes U: *MCC:* POPE, Maurice One
history (event, available, version,
SP-16 24/06/2002 5 . 0 . 0 SP-18: withdrawn. [get it](#) *remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 &
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. Rel-5 -> 23.031.

TS 43.035 Immediate Service Termination (IST); Stage 2
Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: SP-15 G: yes U: *MCC:* POPE, Maurice One
history (event, available, version,
remarks - general: SP-16: withdrawn in favour of 23.035.
remarks - this release: SP-16: withdrawn in favour of 23.035.

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.900 Support for voice optimization for the IMS in the GERAN

Rel-5 *current version:* none *freeze_meeting:* GP-10
history (event, available, version,
GP-06 17/06/2003 1 . 0 . 0 GP-011962

WG (prime / other): G1 / *rapporteur:* GUARINO, Bernard AT&T Wireless Services, Inc.
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:* 2002-09-03: Transferred from G2 to G1.. GP-06: stopped.
remarks - this release: 2003-01-14: WG Secretary reports that this doc is unlikely to be completed. GP-06: stopped.

TR 43.930 Iur-g interface; Stage 2

Rel-5 *current version:* none *freeze_meeting:* GP-09
history (event, available, version,
GP-09 22/04/2002 0 . 3 . 0 GP-020733
GP-09 22/04/2002 0 . 4 . 0 GP-021274

draft 19/07/2002 0 . 5 . 1
GP-10 19/07/2002 5 . 0 . 0
GP-11 16/09/2002 5 . 1 . 0 GP-11: withdrawn and technically
identical document issued as TS

WG (prime / other): G2 / *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
G: yes U: *MCC:* Jose Luis THOMASEN, Gert

[get it](#) *remarks - general:* GP-11: Withdrawn and replaced with 43.130.
remarks - this release: This record originally created as Rel-6, but GP-10 approves as Rel-5. GP-11: Withdrawn and replaced with 43.130.

[get it](#)
[get it](#)
[get it](#)

Rel-5 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-5 *current version:* none *freeze_meeting:*
history (event, available, version,

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* Peter Skov JORGENSEN, Per Johan

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994 handling both "GSM" and "UMTS" problems.

Rel-5 50 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 50 .- series
http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.099 GERAN project plan and open issues

Rel-5 *current version:* none *WG (prime / other):* GP / - *rapporteur:* BLADSJO, David Telefon AB LM Ericsson
freeze_meeting: GP-09 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version,
GP-08 04/04/2002 0 . 0 . 14 GP-020277 [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as
GP-08 20/03/2002 0 . 0 . 15 GP-020515 [get it](#) *remarks - this release:* GP-08: Assume planning is for Rel-5 now (since Rel-4 is frozen). 2003-01-14: Fel-5
Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6.
frozen, so migrated to Rel-6.
draft 20/03/2002 0 . 1 . 6 [get it](#)

Rel-5 51 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: TP-15 *G:* yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,
TP-14 17/01/2002 5 . 0 . 0 TP-16: Rel-5 version withdrawn! [get it](#) *remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".
remarks - this release: TP-16: Rel-5 version withdrawn.

Rel-4

Rel-4 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.102 3rd Generation mobile system Release 4 specifications

Rel-4 *current version:* none *freeze_meeting:* SP-11 *history (event, available, version,*
WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: yes U: yes *MCC:* POPE, Maurice
remarks - general: SP-20: Superseded by 21.101 Rel-4.
remarks - this release: SP-20: Superseded by 21.101 Rel-4.

SP-08	30/06/2000	1	.	0	.	0	get it
SP-10	04/01/2001	1	.	1	.	0	get it
SP-11	11/04/2001	4	.	0	.	0	get it
SP-12	05/07/2001	4	.	1	.	0	get it
SP-13	01/10/2001	4	.	2	.	0	get it
SP-14	03/01/2002	4	.	3	.	0	get it
SP-15	27/03/2002	4	.	4	.	0	get it
SP-16	19/06/2002	4	.	5	.	0	get it
SP-17	18/09/2002	4	.	6	.	0	get it
SP-18	03/01/2003	4	.	7	.	0	get it
SP-19	27/03/2003	4	.	8	.	0	get it
SP-20	25/06/2003	4	.	9	.	0	get it

withdrawn -> 21.101

Rel-4 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1

Rel-4 *current version:* none *freeze_meeting:* SP-11 *history (event, available, version,*
WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
G: yes U: yes *MCC:* CLAYTON, Michael
remarks - general: Transfer>TSG#4
remarks - this release: TSG#11: Becomes 42.043 for Rel-4 (!).

TS 22.112 USIM toolkit interpreter; Stage 1

Rel-4 *current version:* none *freeze_meeting:* SP-11 *history (event, available, version,*
WG (prime / other): T3 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH
G: yes U: yes *MCC:* DIETZE, Claus
remarks - general:
remarks - this release: TP-13: Rel-4 withdrawn, since stage 2 not ready.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.227 Service requirements for the Open Service Access (OSA)

Rel-4 *current version:* none
freeze_meeting: SP-11

history (event, available, version,

WG (prime / other): S1 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: yes *U:* yes *MCC:* CLAYTON, Michael

remarks - general: Clayton Apr-2001: spec not required (see 22.127)
remarks - this release: .

TR 22.976 Study on PS domain services and capabilities

Rel-4 *current version:* none
freeze_meeting: SP-11

history (event, available, version,

SP-07 17/03/2000 1 . 0 . 0 SP-000073
draft 09/05/2000 1 . 4 . 0
SP-08 28/06/2000 2 . 0 . 0 -> Rel-5.

WG (prime / other): S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
G: yes *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.
[get it](#) *remarks - this release:* 2001-12-04: Rel4->Rel-5 (Clayton).
[get it](#)

Rel-4 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* none
freeze_meeting: SP-11

history (event, available, version,

NP-11 04/04/2001 4 . 0 . 0 SP-16: ->43.073 since applies to
GERAN systems only.

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.
remarks - this release: SP-16: ->43.073 since applies to GERAN systems only.

TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

Rel-4 *current version:* none
freeze_meeting: SP-11

history (event, available, version,

SP-11 18/06/2002 4 . 0 . 0 withdrawn

WG (prime / other): S2 / - *rapporteur:* KÄLL, Jan NOKIA Corporation
G: yes *U:* yes *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
remarks - this release: Kall: Apr-2001:Superseded by 23.271 for Rel-4.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.207	End-to-end Quality of Service (QoS) concept and architecture								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OYAMA, Johnson		Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-12			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-10 31/01/2001	1 . 0 . 0	SP-000594	get it	<i>remarks - general:</i>				
	draft 01/02/2001	1 . 1 . 0		get it	<i>remarks - this release:</i> SP-12: becomes Rel-5				
	draft 26/06/2001	1 . 7 . 3	suspicious version number!	get it					
	SP-12 26/06/2001	2 . 0 . 0	S2-011123, SP-010337	get it					
<hr/>									
TR 23.814	Separating RR and MM specific parts of the MS Classmark								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> YOKOTA, Fumihiko		Fujitsu Limited		
	<i>freeze_meeting:</i> SP-11			<i>G:</i> <i>U:</i> 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				
					<i>remarks - this release:</i> Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.				
<hr/>									
TR 23.821	Architecture Principles for Reelase 2000								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LIND, Christer		Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-08 28/06/2000	1 . 0 . 1		get it	<i>remarks - general:</i> New after TSG#5. SP-20: stopped				
					<i>remarks - this release:</i> SP-20: stopped				
<hr/>									
TR 23.874	Feasibility study of architecture for network requested PDP context activation with User-ID								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KITADA, Yoshinori		NTT COMWARE Corporation		
	<i>freeze_meeting:</i> SP-11			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-09	1 . 0 . 0			<i>remarks - general:</i> SP-20: stopped				
	draft 08/11/2000	1 . 2 . 0		get it	<i>remarks - this release:</i> SP-20: stopped				
	draft 24/11/2000	1 . 3 . 0		get it					

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.907	Quality of Service (QoS) concept								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	draft 15/11/1998	0 . 1 . 0		get it	<i>remarks - general:</i> SP-20: stopped				
	draft 15/01/1999	0 . 2 . 0		get it	<i>remarks - this release:</i> SP-20: stopped				
	draft 15/04/1999	0 . 3 . 0		get it					
	draft 30/04/1999	0 . 4 . 0		get it					
	draft 15/05/1999	0 . 5 . 0		get it					
	S2-05 30/05/1999	1 . 0 . 0		get it					
	draft 30/06/1999	1 . 1 . 0		get it					
	draft 15/07/1999	1 . 2 . 0		get it					
TR 23.913	UMTS Turbo-Charger								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> GARAPATY, Sonia				Nortel Networks (USA)
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> N, A				
	<i>history (event, available, version,</i>								
	N1-06 20/08/1999	0 . 0 . 1		get it	<i>remarks - general:</i> New after TSG#5				
	N1-07 17/09/1999	0 . 0 . 2		get it	<i>remarks - this release:</i> .				
	N1-08 29/10/1999	0 . 0 . 3		get it					
	revision 15/11/1999	0 . 1 . 0		get it					
	revision 30/11/1999	0 . 1 . 1		get it					
	NP-06 17/12/1999	1 . 0 . 0		get it					
	N1-09 03/12/1999	1 . 0 . 0		get it					
TR 23.922	Architecture for an All IP network								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth				Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<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.				
TR 23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HUBBARD, Elisabeth				TeliaSonera AB
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<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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Server WITHDRAWN specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.925 UMTS Core network based ATM transport

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): S2 / - *rapporteur:* ROUZ, Adel FUJITSU Laboratories of Europe Limited
G: yes *U:* yes *MCC:* YOON, Sang-Ui

remarks - general: Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.
remarks - this release: SP-20: stopped SP-20: stopped

TR 23.972 Circuit switched multimedia telephony

Rel-4 *current version:* none
freeze_meeting: SP-11

WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated
G: *U:* yes *MCC:* ROUZBEH, JORGENSEN, Per Johan

history (event, available, version,
NP-11 4 . 0 . 0 *doa.* Stick at R99.

remarks - general: New after TSG#5. Minor title change TSG#7.
remarks - this release: Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.

Rel-4 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.004 Layer 1 - General Requirements

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
GP-04 4 . 0 . 0

WG (prime / other): G2 / - *rapporteur:* THOMAS, Rémi France Telecom
G: yes *U:* *MCC:* THOMASEN, Gert

remarks - general: Apr-2001: Not required. See 44.004.
remarks - this release: Apr-2001: Not required. See 44.004.

TS 24.012 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S
G: yes *U:* yes *MCC:* THOMASEN, Gert

remarks - general: Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12
remarks - this release: TSG#11: Replaced by 44.012 for Rel-4. R99) and shift responsibility to G2 (and should
txfer to G2, but still as 24.012.

have been N2 anyway). Agreed to

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Server WITHDRAWN specs Rel-4 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.10U UMTS Interworking and internetworking signalling aspects; Requirements for provision of UMTS services via satellite access
Rel-4 *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: SP-11 G: U: *MCC:* N, A One
history (event, available, version,
remarks - general:
remarks - this release: .

TR 24.946 reserved
Rel-4 *current version:* none *WG (prime / other):* - / *rapporteur:* VACANT,
freeze_meeting: SP-11 G: U: yes *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release:

Rel-4 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.107 UTRA Repeater; Conformance testing
Rel-4 *current version:* none *WG (prime / other):* - / - *rapporteur:* NILSSON, Martin Indicate persons who left Company and wait for new
freeze_meeting: SP-11 G: U: yes *MCC:* N, A One
history (event, available, version,
Start of work 01/08/2000 0 . 0 . 1 [get it](#) *remarks - general:* -> 25.143
remarks - this release: Scrapped in favour of 25.143

TS 25.371 LMU signalling
Rel-4 *current version:* none *WG (prime / other):* - / - *rapporteur:* MOULY, Michel ARGUIN Communications
freeze_meeting: SP-07 G: U: yes *MCC:* N, A
history (event, available, version,
remarks - general: Created Jan 00; wdwrn Apr00
remarks - this release: First draft: Jan2000

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

TR 25.835	Report on hybrid ARQ type II/III								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> SITTE, Armin	SIEMENS AG				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version,</i>								
	RP-09 16/10/2000	1 . 0 . 0							
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> 2002-02-25 (Van der Veen): WI abandoned, so spec withdrawn.					
<hr/>									
TR 25.837	Hybrid ARQ Type II/III (lub/lur aspects)								
Rel-4	<i>current version:</i> none		<i>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> KRAUSE, Joern					
	<i>history (event, available, version,</i>								
	RP-09 21/09/2000	0 . 1 . 0							
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.					
<hr/>									
TR 25.839	Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PARK, Jin Hyo	SK TELECOM				
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version,</i>								
	RP-12 05/07/2001	0 . 2 . 0							
	RAN3 approved 01/10/2001	0 . 3 . 0							
	RP-010426		get it	<i>remarks - general:</i>					
	referred to at RP-13.		get it	<i>remarks - this release:</i> RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.					
<hr/>									
TR 25.845	FDD RACH and AICH performance requirements								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> VIHRIÄLÄ, Jaakko	NOKIA Corporation				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>								
	draft 20/12/2000	0 . 0 . 2							
	draft 14/05/2001	0 . 0 . 3							
	RP-17: withdrawn.		get it	<i>remarks - general:</i>					
			get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5. RP-17: withdrawn.					
<hr/>									
TR 25.846	CPCH performance								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i>					
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i> 2001-02-13: scrapped					
				<i>remarks - this release:</i> .					

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

TR 25.852	lu enhancements for IMS support in UTRAN					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> DIESEN, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U:</i> yes				
	RP-11 06/04/2001 0 . 0 . 0	get it	<i>remarks - general:</i> 2003-09-08: Title changed from "Radio access bearer support enhancements for			
			<i>remarks - this release:</i> RP-15: No upgrade to Rel-5. RP-19: future to be discussed R3-35. TP-20: to			the lu".
<hr/>						
TR 25.924	Opportunity Driven Multiple Access (ODMA)					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LAW, Alan	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>	<i>U:</i> yes				
	RP-03 23/04/1999 0 . 0 . 1	get it	<i>remarks - general:</i>			
	RP-04 23/06/1999 0 . 1 . 0	get it	<i>remarks - this release:</i> 2002-01-23: .WG Secretary reports that this is really R99. Watch this space.			
			2002-02-25 (Van der Veen): No further interest, so spec withdrawn.			
	RP-05 13/10/1999 0 . 2 . 0	get it				
	RP-06 17/12/1999 1 . 0 . 0	get it				
<hr/>						
TR 25.932	Delay budget within the access stratum					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TAYLOR, Carolyn	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U:</i> yes				
	RP-08 23/06/2000 1 . 0 . 0	get it	<i>remarks - general:</i> ->25.853 @ TSG#10.			
	RP-09 05/10/2000 1 . 1 . 0	get it	<i>remarks - this release:</i> TSG#10:2.0.0; approved renumbered as 25.853.			
	RP-10 22/01/2001 2 . 0 . 0	get it				

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

TR 25.938 IP transport in UTRAN

Rel-4 *current version:* none *freeze_meeting:* RP-15
history (event, available, version,
draft 15/05/2000 0 . 0 . 1 [get it](#) *remarks - general:*
R3-13 15/06/2000 0 . 1 . 0 [get it](#) *remarks - this release:* 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).
R3-13 15/07/2000 0 . 1 . 1 [get it](#)
RP-09 15/08/2000 0 . 2 . 0 [get it](#)
RP-10 21/12/2000 0 . 4 . 0 RP-000644 [get it](#)
RP-11 06/04/2001 1 . 0 . 0 [get it](#)
RP-12 05/07/2001 1 . 1 . 0 RP-010425 [get it](#)
RP-13 01/10/2001 1 . 4 . 0 RP-010642 [get it](#)
draft 13/11/2001 1 . 4 . 1 to Rel-5 [get it](#)
RP-14 06/12/2001 1 . 5 . 0 RP-010876 [get it](#)
draft 02/01/2002 1 . 5 . 1 [get it](#)
RP-15 19/03/2002 1 . 7 . 1 RP-020136, withdrawn [get it](#)
RP-15 19/03/2002 2 . 0 . 0 RP-020137 [get it](#)

WG (prime / other): R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
G: *U:* yes *MCC:* KRAUSE, Joern

TR 25.938 Terminal power saving features

Rel-4 *current version:* none *freeze_meeting:* SP-11
history (event, available, version,
draft 15/08/2000 0 . 0 . 1 [get it](#) *remarks - general:* R3-27: abandoned.
draft 05/10/2000 0 . 1 . 0 [get it](#) *remarks - this release:* RP-15: Withdrawal confirmed.
RP-10 21/12/2000 0 . 1 . 1 RP-000654 [get it](#)
RP-11 06/04/2001 2 . 0 . 0 R3-27: abandoned, confirmed RP-15. [get it](#)

WG (prime / other): R3 / - *rapporteur:* CHOI, Sungho Samsung Electronics Ind. Co., Ltd.
G: *U:* yes *MCC:* KRAUSE, Joern

TR 25.951 Base Station (BS) classification (FDD)

Rel-4 *current version:* none *freeze_meeting:* SP-11
history (event, available, version,
R4-13 21/11/2000 0 . 0 . 1 R4-000572 [get it](#) *remarks - general:*
RP-10 21/12/2000 1 . 0 . 0 RP-000598 [get it](#) *remarks - this release:* 2002-01-24: Gutierrez: moved to Rel-5
R4-16 1 . 0 . 1 R4-010257
RP-13 01/10/2001 1 . 1 . 0 RP-010681 [get it](#)

WG (prime / other): R4 / - *rapporteur:* SÄYNNÄJÄKANGAS, NOKIA Corporation
G: *U:* yes *MCC:* Tuomo GUTIERREZ MIGUELEZ, Cesar

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

TR 25.952 Base Station classification (TDD)

Rel-4 *current version:* none *WG (prime / other):* R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS
freeze_meeting: *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
draft 21/11/2000 0 . 0 . 1 [get it](#) *remarks - general:*
RP-10 21/12/2000 1 . 0 . 0 [get it](#) *remarks - this release:* -> Rel-5
RP-11 10/04/2001 1 . 1 . 0 [get it](#)

Rel-4 **26** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.078 Results of the AMR noise suppression selection phase

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
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.

TS 26.226 Global text telephony (GTT); Transport of text in the voice channel

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-08 23/06/2000 0 . 0 . 0 [get it](#) *remarks - general:* SP-16: in "GERAN" set.
SP-09 18/10/2000 0 . 0 . 9 [get it](#) *remarks - this release:* TSG#11:withdrawn->rel-5
draft 24/10/2000 0 . 0 . 10 [get it](#)
SP-10 21/12/2000 4 . 0 . 0 [get it](#)

TS 26.230 Global text telephony (GTT); Cellular text telephone modem transmitter C-code description

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-10 2 . 0 . 0 SP-000750 *remarks - general:* SP-16: in "GERAN" set.
SP-10 21/12/2000 4 . 0 . 0 [get it](#) *remarks - this release:* TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
draft 01/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*
draft 16/11/2000 0 . 0 . 2 [get it](#) *remarks - this release:* SP-12: withdrawn from Rel-4, moved to Rel-5.
SP-10 21/12/2000 1 . 0 . 0 NP-000567 [get it](#)
SP-11 10/04/2001 4 . 0 . 0 [get it](#)
SP-12 4 . 1 . 0 immediately withdrawn, becomes Rel-5

TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation
freeze_meeting: SP-11 *G:* U: yes *MCC:* USAI, Paolino
history (event, available, version,
remarks - general:
remarks - this release: No work, will never appear as 4.0.0 (Usai, Mar 2001)

TR 26.920 Architectural Model for the 3G Transcoders

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* U: yes *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 0 . 1 . 1 [get it](#) *remarks - general:* 2000-01-22: S4 TFO group discontinues work on this report.
remarks - this release: .

Rel-4 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

Rel-4 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G:* U: yes *MCC:* BOSWARTHICK, David
history (event, available, version,
remarks - general:
remarks - this release: 2001-11-07: Boswarthick: Not required for Rel-4.

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Server WITHDRAWN specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

Rel-4 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.993 Modifications to be incorporated in equipment to cater for errors in the standards

Rel-4 *current version:* none *WG (prime / other):* RP / - *rapporteur:* COURAU, François ALCATEL S.A.
freeze_meeting: NP-11 *G:* yes *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,

remarks - general: RP-19: stopped.
remarks - this release: .

Rel-4 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.002 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-4 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-11 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,

NP-09 08/11/2000 4 . 0 . 0 [get it](#) *remarks - general:* NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series UMTS
TR no. corrected 02/02/2001 4 . 0 . 1 [get it](#) *remarks - this release:* 2002-03-10: WG Chairman: Unwithdrawn. post-NP-16: No Rel-5 needed.
studies.

TR 30.504 Work Plan and Study Items - RAN WG4

Rel-4 *current version:* none *WG (prime / other):* R4 / - *rapporteur:* IWASA, Masaaki MOTOROLA JAPAN LTD
freeze_meeting: SP-11 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,

RP-03 23/04/1999 0 . 0 . 0
draft 21/12/2000 0 . 8 . 6
RP-04 23/06/1999 1 . 0 . 0
RP-05 13/10/1999 1 . 4 . 0
RP-06 17/12/1999 2 . 0 . 0
RP-08 23/06/2000 2 . 2 . 0

[get it](#) *remarks - general:* RP-20: stopped
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5. RP-20: stopped
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.801	Overall Project Plan					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain		SOURCE COM
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>		<i>U:</i> yes			
	draft 30/07/1999	0 . 1 . 0				
	draft 30/08/1999	0 . 2 . 0				
	draft 30/09/1999	0 . 3 . 0				
	SP-05 13/10/1999	1 . 0 . 0				
	draft 02/12/1999	1 . 1 . 0				
			get it	<i>remarks - general:</i>		
			get it	<i>remarks - this release:</i> TSG#11: Work stopped.		
			get it			
			get it			
			get it			
TR 30.802	Project plan on Bearer Services and QoS					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>		<i>U:</i> yes			
	SP-05 13/10/1999	1 . 0 . 0				
	SP-09	4 . 0 . 0				
			get it	<i>remarks - general:</i>		
				<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.		
TR 30.804	Project plan on GSM/UMTS Interoperation and Mobility Management					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> COURAU, François		ALCATEL S.A.
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>		<i>U:</i> yes			
	SP-05 13/10/1999	1 . 0 . 0				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> TSG#11: Work stopped.		
TR 30.806	Project plan on Location based services					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÁLL, Jan		NOKIA Corporation
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>		<i>U:</i> yes			
	SP-05 13/10/1999	1 . 0 . 0				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> TSG#11: Work stopped.		
TR 30.808	Project plan on Packet Architecture and Circuit Architecture					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DROPMANN, Ulrich		SIEMENS AG
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>		<i>U:</i> yes			
	SP-05 13/10/1999	1 . 0 . 0				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> TSG#11: Work stopped.		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.810 Project plan on Security
Rel-4 *current version:* none *freeze_meeting:* SP-11
history (event, available, version,
SP-05 24/10/1999 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* PUDNEY, Chris
G: *U:* yes *MCC:* YOON, Sang-Ui VODAFONE Group Plc

[get it](#) *remarks - general:*
remarks - this release: TSG#11: Work stopped.

TR 30.812 Project plan on Services and Service platforms
Rel-4 *current version:* none *freeze_meeting:* SP-11
history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* SCHMERSEL, Rob
G: *U:* yes *MCC:* YOON, Sang-Ui CELLPOINT SYSTEMS AB

[get it](#) *remarks - general:*
remarks - this release: TSG#11: Work stopped.

Rel-4 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TR 31.900 SIM/USIM internal and external interworking aspects
Rel-4 *current version:* none *freeze_meeting:* SP-15
history (event, available, version,
TP-15 28/03/2002 4 . 0 . 0 TP-16: withdrawn; only Rel-5 remains
valid.

WG (prime / other): T3 / - *rapporteur:* KALINER, Stefan
G: *U:* yes *MCC:* DIETZE, Claus T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
remarks - this release: TP-16: withdrawn; only Rel-5 remains valid.

Rel-4 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.104 3G Performance Management
Rel-4 *current version:* none *freeze_meeting:* SP-11
history (event, available, version,
SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-12

WG (prime / other): S5 / - *rapporteur:* HÜBINETTE, Ulf
G: *U:* yes *MCC:* ZOICAS, Adrian Telefon AB LM Ericsson

[get it](#) *remarks - general:*
remarks - this release: SP-12: Split into several specs. 32.401, '402, '403.

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

TS 32.105	3G charging and billing; Stage 2 description								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KOBYLARZ, Thaddeus	AT&T Corp.				
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-06 17/12/1999	0 . 0 . 1	get it	<i>remarks - general:</i>					
	SP-08 23/06/2000	0 . 0 . 2	get it	<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	get it						
	draft 10/10/2000	0 . 0 . 4	get it						
					SP-12: Rel-4 withdrawn.				
<hr/>									
TS 32.106-1	Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-11 28/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	SP-08: split into eight parts				
				<i>remarks - this release:</i>	SP-12: withdrawn. See 32.300.				
<hr/>									
TS 32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated				
	<i>freeze_meeting:</i> SP-12		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>	TSG#8: split into eight parts				
				<i>remarks - this release:</i>	SP-12: withdrawn.				
<hr/>									
TS 32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)								
Rel-4	<i>current version:</i> solution set		<i>WG (prime / other):</i> none	<i>rapporteur:</i> TSE, Edwin					
	Ericsson Incorporated								
	<i>freeze_meeting:</i> SP-12		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>	TSG#8: split into eight parts				
				<i>remarks - this release:</i>	SP-12: withdrawn.				
<hr/>									
TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP)								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG				
	<i>freeze_meeting:</i> SP-12		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>	TSG#8: split into eight parts				
				<i>remarks - this release:</i>	SP-12: withdrawn.				

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

TS 32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP): Information model (including Network Resource Model NRM))	Rel-4 Telefon AB LM Ericsson	current version: none	WG (prime / other): S5	/-	rapporteur: TOVINGER, Thomas	
	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.			
TS 32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set	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.			
TS 32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set	Rel-4 SIEMENS AG	current version: none	WG (prime / other): S5	/-	rapporteur: POLLAKOWSKI, Olaf	
	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.			
TS 32.106-8	Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects	Rel-4	current version: none	WG (prime / other): S5	/-	rapporteur: TOVINGER, Thomas	Telefon AB LM Ericsson
	freeze_meeting: SP-11	G:	U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,			remarks - general: TSG#8: split into eight parts			
	SP-11 28/03/2001 4 . 0 . 0			remarks - this release: SP-12: withdrawn. See 32.600.			
				get it			
TS 32.111	3G Fault Management	Rel-4	current version: none	WG (prime / other): S5	/-	rapporteur: CICCHITTO, Gaetano	SIEMENS Mobile Communications S.p.A.
	freeze_meeting: SP-11	G:	U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,			remarks - general: TSG#8: split into 4 parts			
	SP-11 28/03/2001 4 . 0 . 0			remarks - this release: .			
				get it			

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Server WITHDRAWN specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.112-1	Telecommunication management; Generic Integration Reference Point (IRP) management; Part 1: Requirements									
Rel-4	<i>current version:</i> none	<i>freeze_meeting:</i>	<i>WG (prime / other):</i> S5 /	<i>rporteur:</i> N, A						Indicate persons who left Company and wait for new One
			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian				
<i>history (event, available, version,</i>										
SP-12		2 . 0 . 0	SP-010285		<i>remarks - general:</i>	SP-12: stopped. See 32.311.				
					<i>remarks - this release:</i>	.				
<hr/>										
TS 32.112-2	Telecommunication management; Generic Integration Reference Point (IRP) management; Part 2: Information service									
Rel-4	<i>current version:</i> none	<i>freeze_meeting:</i>	<i>WG (prime / other):</i> S2 /	<i>rporteur:</i> N, A						Indicate persons who left Company and wait for new One
			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	YOON, Sang-Ui				
<i>history (event, available, version,</i>										
SP-12		2 . 0 . 0	SP-010285		<i>remarks - general:</i>	SP-12: stopped. See 32.312.				
					<i>remarks - this release:</i>	.				
<hr/>										
TS 32.140	Telecommunication management; Services operations management; Subscription management requirements									
Rel-4	<i>current version:</i> none	<i>freeze_meeting:</i> NP-13	<i>WG (prime / other):</i> S5 / -	<i>rporteur:</i> ISLIP, John						Lucent Technologies Network Systems UK
			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian				
<i>history (event, available, version,</i>										
draft 01/08/2000		0 . 1 . 0			get it	<i>remarks - general:</i>				
						<i>remarks - this release:</i>	TSG#8:0.1.0 but associated WI not approved. SP-12: moved to rel-5.			
<hr/>										
TS 32.301-1	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements									
Rel-4	<i>current version:</i> none	<i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S5 / -	<i>rporteur:</i> PIRT, Trevor						MOTOROLA Ltd
			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian				
<i>history (event, available, version,</i>										
SP-12 18/06/2001		2 . 0 . 0			get it	<i>remarks - general:</i>	Replaces 32.106 (pars). SP-12: stopped. See 32.301.			
						<i>remarks - this release:</i>	.			
<hr/>										
TS 32.301-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service									
Rel-4	<i>current version:</i> none	<i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S5 / -	<i>rporteur:</i> TSE, Edwin						Ericsson Incorporated
			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian				
<i>history (event, available, version,</i>										
SP-12 18/06/2001		2 . 0 . 0			get it	<i>remarks - general:</i>	Replaces 32.106- 2SP-12: stopped. See 32.302.			
						<i>remarks - this release:</i>	.			

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Server WITHDRAWN specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.301-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)	Rel-4	current version: solution set	none	WG (prime / other): S5	/-	rapporteur: SCHEER, Randal	Lucent
Technologies								
	freeze_meeting: SP-11			G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version, SP-12 18/06/2001 2 . 0 . 0			get it	remarks - general: Replaces 32.106-3 SP-12: stopped. See 32.303.			
					remarks - this release: .			
TS 32.301-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: Common Management Information Protocol (CMIP) solution	Rel-4	current version: none	WG (prime / other): S5 / -	rapporteur: POLLAKOWSKI, Olaf	SIEMENS AG		
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version, SP-12 18/06/2001 2 . 0 . 0			get it	remarks - general: Replaces 32.106-4 SP-12: stopped. See 32..304.			
					remarks - this release: .			
TS 32.312-1	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	Rel-4	current version: none	WG (prime / other): S5 /	rapporteur: N, A	Indicate persons who left Company and wait for new One		
	freeze_meeting: SP-11			G: yes U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,				remarks - general: -> 32.111			
					remarks - this release: .			
TS 32.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	Rel-4	current version: none	WG (prime / other): S5 / -	rapporteur: NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND		
	freeze_meeting:			G: yes U:	MCC: ZOICAS, Adrian			
	history (event, available, version, SP-12 21/06/2001 1 . 0 . 0			get it	remarks - general: was 32.104 (pars). SP-13: replaced by 52.402.			
	SP-13 11/10/2001 2 . 0 . 0		SP-010467 approved as 52.042	get it	remarks - this release:			
TS 32.601-1	Telecommunication management; Configuration Management (CM); Part 1: Basic CM Integration Reference Point (IRP): requirements	Rel-4	current version: none	WG (prime / other): S5 / -	rapporteur: WILBER, John			
	freeze_meeting:			G: yes U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version, SP-12 18/06/2001 2 . 0 . 0			get it	remarks - general: Replaces 32.106 (pars). SP-12: stopped. See 32.601.			
					remarks - this release: .			

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 32.601-2	Telecommunication management; Configuration Management (CM); Part 2: Basic CM Integration Reference Point (IRP) information model									
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson						
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian							
	<i>history (event, available, version,</i> SP-12 18/06/2001 2 . 0 . 0									
		get it	<i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.602.							
			<i>remarks - this release:</i> .							
<hr/>										
TS 32.601-3	Telecommunication management; Configuration Management (CM); Part 3: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)									
Rel-4	<i>current version:</i> solution set	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf					
SIEMENS AG										
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian							
	<i>history (event, available, version,</i> SP-12 18/06/2001 2 . 0 . 0									
		get it	<i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.603.							
			<i>remarks - this release:</i> .							
<hr/>										
TS 32.601-4	Telecommunication management; Configuration Management (CM); Part 4: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)									
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson						
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian							
	<i>history (event, available, version,</i> SP-12 18/06/2001 2 . 0 . 0									
		get it	<i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.604.							
			<i>remarks - this release:</i> .							
<hr/>										
TS 32.602-1	Telecommunication management; Configuration Management (CM); CMt: Bulk CM Integration Reference Point (IRP) requirements									
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One						
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian							
	<i>history (event, available, version,</i> SP-12 18/06/2001 2 . 0 . 0									
		get it	<i>remarks - general:</i> SP-12: stopped. See 32.611.							
			<i>remarks - this release:</i> .							
<hr/>										
TS 32.602-2	Telecommunication management; Configuration Management (CM); CMt: Bulk Configuration Management Integration Reference Point (IRP): Information service									
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One						
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian							
	<i>history (event, available, version,</i> SP-12 18/06/2001 2 . 0 . 0									
		get it	<i>remarks - general:</i> SP-12: stopped. See 32.612.							
			<i>remarks - this release:</i> .							

G = required in systems with GERAN access; U = required in systems with UMTS

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TS 32.602-3	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Object Request Broker
Rel-4	<i>current version:</i> Architecture (CORBA) solution set
NORTEL NETWORKS (EUROPE)	none
	<i>WG (prime / other):</i> S5
	<i>/ rapporteur:</i> BONNEAU, Frédéric
	<i>freeze_meeting:</i> G: U: yes MCC: ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 18/06/2001 2 . 0 . 0	get it <i>remarks - general:</i> SP-12: stopped. See 32.613. <i>remarks - this release:</i> .

TS 32.602-4	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Management Information
Rel-4	<i>current version:</i> Protocol (CMIP) solution set
SIEMENS AG	none
	<i>WG (prime / other):</i> S5
	<i>/ rapporteur:</i> POLLAKOWSKI, Olaf
	<i>freeze_meeting:</i> G: U: yes MCC: ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 18/06/2001 2 . 0 . 0	get it <i>remarks - general:</i> SP-12: stopped. See 32.614. <i>remarks - this release:</i> .

TS 32.602-5	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): XML file format definition
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> N, A
	Indicate persons who left Company and wait for new One
	G: U: yes MCC: ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 18/06/2001 2 . 0 . 0	get it <i>remarks - general:</i> SP-12: stopped. See 32.615. <i>remarks - this release:</i> .

TS 32.620-1	Telecommunication management; Configuration Management (CM); Part 1: Generic network resources Integration Reference Point (IRP): requirements
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor
	MOTOROLA Ltd
	G: yes U: yes MCC: ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 18/06/2001 2 . 0 . 0	get it <i>remarks - general:</i> Replaces 32.106 (pars).SP-12: stopped. See 32.621. <i>remarks - this release:</i> .

TS 32.620-2	Telecommunication management; Configuration Management (CM); Part 2: Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas
	Telefon AB LM Ericsson
	G: yes U: yes MCC: ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 18/06/2001 2 . 0 . 0	get it <i>remarks - general:</i> Replaces 32.106-5 (pars)SP-12: stopped. See 32.622. <i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 32.620-3	Telecommunication management; Configuration Management (CM); Part 3: Generic network resources Integration Reference Point (IRP): Common Object Request Broker
Rel-4	<i>current version:</i> Architecture (CORBA) solution set
SIEMENS AG	none
	<i>WG (prime / other):</i> S5
	<i>rapporteur:</i> POLLAKOWSKI, Olaf
	<i>freeze_meeting:</i> G: yes U: yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 18/06/2001 2 . 0 . 0	get it <i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.623.
	<i>remarks - this release:</i> .

TS 32.620-4	Telecommunication management; Configuration Management (CM); Part 4: Generic network resources: Integration Reference Point (IRP) Common Management Information
Rel-4	<i>current version:</i> Protocol (CMIP) solution set
Telefon AB LM Ericsson	none
	<i>WG (prime / other):</i> S5
	<i>rapporteur:</i> TOVINGER, Thomas
	<i>freeze_meeting:</i> G: yes U: yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 18/06/2001 2 . 0 . 0	get it <i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.624.
	<i>remarks - this release:</i> .

TS 32.621-1	Telecommunication management; Configuration Management (CM); Part 1: Core network resources Integration Reference Point (IRP): requirements
Rel-4	<i>current version:</i> none
	<i>WG (prime / other):</i> S5 / -
	<i>rapporteur:</i> PIRT, Trevor
	<i>rapporteur:</i> 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	get it <i>remarks - general:</i> Replaces 32.106 (pars).SP-12: stopped. See 32.631.
	<i>remarks - this release:</i> .

TS 32.621-2	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-4	<i>current version:</i> none
	<i>WG (prime / other):</i> S5 / -
	<i>rapporteur:</i> TOVINGER, Thomas
	<i>rapporteur:</i> Telefon AB LM Ericsson
	<i>freeze_meeting:</i> G: yes U: yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 18/06/2001 2 . 0 . 0	get it <i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.632.
	<i>remarks - this release:</i> .

TS 32.621-3	Telecommunication management; Configuration Management (CM); Part 3: Core network resources Integration Reference Point (IRP): Common Object Request Broker
Rel-4	<i>current version:</i> Architecture (CORBA) solution set
SIEMENS AG	none
	<i>WG (prime / other):</i> S5
	<i>rapporteur:</i> POLLAKOWSKI, Olaf
	<i>freeze_meeting:</i> G: yes U: yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 18/06/2001 2 . 0 . 0	get it <i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.633.
	<i>remarks - this release:</i> .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
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TS 32.621-4	Telecommunication management; Configuration Management (CM); Part 4: Core network resources Integration Reference Point (IRP): Common Management Information Protocol					
Rel-4	<i>current version:</i> (CMIP) solution set	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>	G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
	SP-12 18/06/2001	2	.	0	.	0
			get it	<i>remarks - general:</i>	Replaces 32.107 (pars) SP-12: stopped. See 32.634.	
				<i>remarks - this release:</i>	.	
<hr/>						
TS 32.622-1	Telecommunication management; Configuration Management (CM); Part 1: UTRAN network resources Integration Reference Point (IRP): requirements					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
	SP-12 18/06/2001	2	.	0	.	0
			get it	<i>remarks - general:</i>	Replaces 32.106 (pars).SP-12: stopped. See 32.641.	
				<i>remarks - this release:</i>	.	
<hr/>						
TS 32.622-2	Telecommunication management; Configuration Management (CM); Part 2: UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
	SP-12 18/06/2001	2	.	0	.	0
			get it	<i>remarks - general:</i>	Replaces 32.106-5 (pars) SP-12: stopped. See 32.642.	
				<i>remarks - this release:</i>	.	
<hr/>						
TS 32.622-3	Telecommunication management; Configuration Management (CM); Part 3: UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker					
Rel-4	<i>current version:</i> Architecture (CORBA) solution set	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
	SP-12 18/06/2001	2	.	0	.	0
			get it	<i>remarks - general:</i>	Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.	
				<i>remarks - this release:</i>	.	
<hr/>						
TS 32.622-4	Telecommunication management; Configuration Management (CM); Part 4: UTRAN network resources Integration Reference Point (IRP): Common Management Information					
Rel-4	<i>current version:</i> Protocol (CMIP) solution set	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
	SP-12 18/06/2001	2	.	0	.	0
			get it	<i>remarks - general:</i>	Replaces 32.107 (pars) SP-12: stopped. See 32.644.	
				<i>remarks - this release:</i>	.	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
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TS 32.623-1	Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i>	G: yes	U: yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106 (pars).SP-12: stopped. See 32.651.	<i>remarks - this release:</i> .
<hr/>				
TS 32.623-2	Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>	G: yes	U:	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.652.	<i>remarks - this release:</i> .
<hr/>				
TS 32.623-3	Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): Common Object Request Broker			
Rel-4	<i>current version:</i> Architecture (CORBA) solution set	none	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> POLLAKOWSKI, Olaf
	SIEMENS AG			
	<i>freeze_meeting:</i>	G: yes	U:	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.653.	<i>remarks - this release:</i> .
<hr/>				
TS 32.623-4	Telecommunication management; Configuration Management (CM); Part 4: GERAN network resources Integration Reference Point (IRP): Common Management Information			
Rel-4	<i>current version:</i> Protocol (CMIP) solution set	none	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> TOVINGER, Thomas
	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>	G: yes	U:	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.654.	<i>remarks - this release:</i> .

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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 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.800	Principles for Network Domain Security								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> ESCOTT, Adrian	3				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, draft)</i>	0 . 3 . 5							<i>remarks - general:</i> 2002-06-26: Item abandoned, since seems unlikely any more work will be done on
									<i>remarks - this release:</i> v0.3.5 not fit for public gaze. 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.
<hr/>									
TR 33.900	Guide to 3G security								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BROOKSON, Charles	DTI - Department of Trade and Industry				
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, draft)</i>								<i>remarks - general:</i>
									<i>remarks - this release:</i>
<hr/>									
TR 33.904	Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms								
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, draft)</i>	2 . 0 . 0	G: U: yes						<i>remarks - general:</i> Source: ETSI SAGE.
									<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5. In fact, replaced by 33.908.
									only available as http://www.3gpp.org/TB/other/algorithms/KASUMI_Eval_rep_v20.pdf
<hr/>									

Rel-4 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.001	GSM Specification set								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat				
	<i>freeze_meeting:</i> SP-11		G: yes U:	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, draft)</i>	SP-10 03/12/2000 1 . 0 . 0							<i>remarks - general:</i> ->41.102, renumbered at TSG#10.
			get it						<i>remarks - this release:</i> ->41.102
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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/41_series

TS 41.102 GSM Release 4 specifications

Rel-4 *current version:* none
freeze_meeting: SP-11

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: yes U: *MCC:* POPE, Maurice

history (event, available, version,

SP-10		1	.	0	.	0	
SP-10	04/01/2001	1	.	0	.	1	
SP-11	11/04/2001	4	.	0	.	0	
SP-12	05/07/2001	4	.	1	.	0	
SP-13	01/10/2001	4	.	2	.	0	
SP-14	03/01/2002	4	.	3	.	0	
SP-15	27/03/2002	4	.	4	.	0	
SP-16	19/06/2002	4	.	5	.	0	
post SP-16	25/06/2002	4	.	5	.	1	
editorial							
SP-17	18/09/2002	4	.	6	.	0	
SP-18	03/01/2003	4	.	7	.	0	
SP-19	27/03/2003	4	.	8	.	0	
SP-20	25/06/2003	4	.	9	.	0	withdrawn -> 41.101

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remarks - general: Né 41.001; renumbered at TSG#10. SP-20: Superseded by 41.101 Rel-4.
remarks - this release: SP-20: Superseded by 41.101 Rel-4.

Rel-4 **42** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-4 *current version:* none
freeze_meeting: SP-11

WG (prime / other): S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
G: yes U: *MCC:* POPE, Maurice

history (event, available, version,

SP-11 10/04/2001 4 . 0 . 0 SP-18: withdrawn.

[get it](#)

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.032	Immediate Service Termination (IST); Service description; Stage 1					
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
		G: yes U:	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> SP-16: withdrawn in favour of 22.032. <i>remarks - this release:</i> SP-16: withdrawn in favour of 22.032.			

TS 42.048	Security mechanisms for the SIM Application Toolkit; Stage 1					
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
		G: yes U:	<i>MCC:</i> DIETZE, Claus			
<i>history (event, available, version,</i>	TP-11 09/04/2001 4 . 0 . 0 withdrawn at TP-12	get it	<i>remarks - general:</i> TP-12: Becomes 22.048. <i>remarks - this release:</i> TP-12: Becomes 22.048.			

TS 42.053	Tandem Free Operation (TFO); Service description; Stage 1					
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
		G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>			<i>remarks - general:</i> Scrapped - see 22.053, Rel-4 onwards. <i>remarks - this release:</i>			

Rel-4 43 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.031	Fraud Information Gathering System (FIGS); Service description; Stage 2					
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
		G: yes U:	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0 SP-18: withdrawn.	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & <i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. Rel-5 -> 23.031.			

G = required in systems with GERAN access; 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

TS 43.035	Immediate Service Termination (IST); Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0 SP-15 26/03/2002 4 . 1 . 0	G: yes U:	<i>MCC:</i> POPE, Maurice						
		get it	<i>remarks - general:</i> SP-16: withdrawn in favour of 23.035.						
		get it	<i>remarks - this release:</i> SP-16: withdrawn in favour of 23.035.						
TS 43.046	Technical Realization of Facsimile Group 3 Service - non transparent								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat						
	<i>history (event, available, version,</i> post-NP-14 23/01/2002 4 . 0 . 0	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.	get it	<i>remarks - general:</i> 2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.						
			<i>remarks - this release:</i> .2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.						
TS 43.048	Security Mechanisms for SIM Toolkit Application; Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel MOTOROLA Ltd						
	<i>history (event, available, version,</i> TP-11 09/04/2001 4 . 0 . 0 withdrawn at TP-12	G: yes U:	<i>MCC:</i> DIETZE, Claus						
		get it	<i>remarks - general:</i> TP-12: replaced by 23.048.						
			<i>remarks - this release:</i> TP-12: replaced by 23.048.						
TS 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume NOKIA Corporation						
	<i>history (event, available, version,</i> GP-02 05/01/2001 4 . 0 . 0 GP-08: withdrawn	G: yes U:	<i>MCC:</i> USAI, Paolino						
		get it	<i>remarks - general:</i> Originally created as 03.51r00						
			<i>remarks - this release:</i> Created after TSG#8. GP-08: withdrawn						
TS 43.063	Packet Data on Signalling channels service (PDS) Service description, Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter T-MOBILE DEUTSCHLAND						
	<i>history (event, available, version,</i> NP-11 11/04/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
		get it	<i>remarks - general:</i> 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to withdraw.						
			<i>remarks - this release:</i> 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to withdraw.						

G = required in systems with GERAN access; 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

TS 43.071 Location Services (LCS); Functional description; Stage 2 (GSM)

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, SP-11 4 . 0 . 0 *remarks - general:* Superseded by 23.271 Rel-4.
remarks - this release: Superseded by 23.271 Rel-4.

Rel-4 44 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.008 Mobile radio interface layer 3 specification

Rel-4 *current version:* none *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, NP-11 11/04/2001 4 . 0 . 0 *get it* *remarks - general:*
remarks - this release: withdrawn at NP-15.

TS 44.063 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, NP-11 11/04/2001 4 . 0 . 0 *get it* *remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to
remarks - this release: 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1
withdraw.
work not continued beyond R99, so proposes to withdraw.

Rel-4 48 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

G = required in systems with GERAN access; 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

TR 48.062 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

Rel-4 *current version: none* *freeze_meeting: SP-11* *history (event, available, version,*
WG (prime / other): S4 / - *rapporteur: USAI, Paolino* TELECOM ITALIA S.p.A.
G: yes U: *MCC: USAI, Paolino*

remarks - general: -> 28.062
remarks - this release: -> 28.062

Rel-4 **49** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-4 *current version: none* *freeze_meeting:*
WG (prime / other): N1 / - *rapporteur: ANDERSEN, Niels* MOTOROLA A/S
G: yes U: *MCC: JORGENSEN, Per Johan*
history (event, available, version,

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994
handling both "GSM" and "UMTS" problems.

Rel-4 **50** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.043 Support of Localised Service Area (SoLSA); Work Item Status

Rel-4 *current version: none* *freeze_meeting: SP-11* *history (event, available, version,*
WG (prime / other): S1 / - *rapporteur: KOKKOLA, Tommi* NOKIA Corporation
G: yes U: *MCC: CLAYTON, Michael*

remarks - general:
remarks - this release: 2001-April:Clayton: stopped.

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 50 .- series
http://www.3gpp.org/ftp/Specs/archive/50_series

TS 50.056	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.				
	<i>freeze_meeting:</i> SP-11		G: yes U:	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, SP-11</i>	4 . 0 . 0	not to be produced						
				<i>remarks - general:</i>	Apr 2001 - Sultan:no Rel-4 will exist				
				<i>remarks - this release:</i>	Apr 2001 - Sultan:no Rel-4 will exist Jun 2001: confirmed, so withdrawn.				
<hr/>									
TS 50.089	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG				
	<i>freeze_meeting:</i> SP-11		G: yes U:	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>					
				<i>remarks - this release:</i>	Usai Apr-2001: will never be produced.				
<hr/>									
TR 50.099	GERAN project plan and open issues								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> BLADSJO, David	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-11		G: yes U:	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	draft 09/10/2000	0 . 0 . 1		get it	<i>remarks - general:</i>	2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as			
	draft 06/11/2000	0 . 0 . 2		get it	<i>remarks - this release:</i>	GERAN#3: v0.0.4 May-2000: subsequent drafts 005, 006, 007 were wrongly	Rel-5.		
GP-12: Rel-5 frozen, so draft moved to Rel-6.						numbered and were not subsequent at all, so do not appear in history; latest draft			
	draft 02/04/2000	0 . 0 . 2		get it		is ex GERAN#4 = 006. 2002-01-23: Usai indicates "stopped".			
	draft 08/05/2000	0 . 0 . 3		get it					
	draft 28/05/2000	0 . 0 . 4		get it					
	GP-04 10/05/2000	0 . 0 . 6	2002-01-23: Usai indicates "stopped".	get it					
	draft	0 . 0 . 7							
	draft	0 . 0 . 8							
	GP-05	0 . 0 . 9							
	GP-06	0 . 0 . 10							
	GP-07	0 . 0 . 11							
	GP-07	0 . 0 . 12							
	GP-07	0 . 0 . 13							
	draft 12/04/2002	0 . 0 . 15		get it					
	GP-09 22/04/2002	0 . 0 . 16	GP-021208	get it					
	draft 17/09/2002	0 . 0 . 20		get it					
	GP-12 26/11/2002	0 . 23 . 0	GP-023436	get it					

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 52 .- series
http://www.3gpp.org/ftp/Specs/archive/52_series

Rel-4 52 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.071 Location Services (LCS); Location services (LCS) management

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-11 *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-11 28/03/2001 4 . 0 . 0 *withdrawn SP-13* [get it](#) *remarks - general:*
SP-13 03/10/2001 4 . 1 . 0 *This is the version declaring itself to be* [get it](#) *remarks - this release:* SP-13: withdrawn - see SP-010472.
withdrawn. A sort of non-version.
Anti-bootstrapping (autointerment?)

R00

R00 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.68 Voice Group Call Service (VGCS); Stage 1

R00 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

TS 02.69 Voice Broadcast Service (VBS); Stage 1

R00 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R00 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

R00 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.20 Security-related Network Functions

R00 current version: none
freeze_meeting: SP-11
WG (prime / other): S3 / NP / GP / rapporteur: NGUYEN NGOC, France Telecom
G: yes U: MCC: POPE, Maurice

history (event, available, version,
smg-32 16/01/2001 9 . 0 . 0

[get it](#) remarks - general:
remarks - this release:

TS 03.51 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2

R00 current version: none
freeze_meeting:
WG (prime / other): G1 / - / rapporteur: SÉBIRE, Guillaume NOKIA Corporation
G: yes U: MCC: USAI, Paolino

history (event, available, version,

remarks - general: -> 43.051
remarks - this release: .

TS 03.59 Location services (LCS) GERAN; Stage 2

R00 current version: none
freeze_meeting:
WG (prime / other): G1 / - / rapporteur: LIVINGSTON, Margaret NOKIA Corporation
G: yes U: MCC: USAI, Paolino

history (event, available, version,
draft 30/05/2000 0 . 0 . 1

[get it](#) remarks - general:
remarks - this release: replaced by 43.059

TS 03.68 Voice Group Call Service (VGCS); Stage 2

R00 current version: none
freeze_meeting:
WG (prime / other): N1 / - / rapporteur: GARAPATY, Sonia Nortel Networks (USA)
G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0

[get it](#) remarks - general:
remarks - this release: #32:9.0.0 TSG#8:9.0.0->43.068v4.0.0

TS 03.69 Voice Broadcast service (VBS); Stage 2

R00 current version: none
freeze_meeting:
WG (prime / other): N1 / - / rapporteur: MÜNNING, Dirk DETECON GMBH
G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,
smg-30 20/06/2000 9 . 0 . 0

[get it](#) remarks - general:
remarks - this release: #32:9.0.0 TSG#8:9.0.0->43.069v4.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R00 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

R00 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol
R00 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, smg-32 20/06/2000 9 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: Aug00: replaced by 44.018

TS 04.68 Group Call Control (GCC) Protocol
R00 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, smg-32 20/06/2000 9 . 0 . 0 >44.069v4.0.0 [get it](#) *remarks - general:*
remarks - this release:

TS 04.69 Broadcast Call Control (BCC) protocol
R00 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, smg-32 20/06/2000 9 . 0 . 0 ->44.069v4.0.0 [get it](#) *remarks - general:*
remarks - this release:

R00 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R00 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R00 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31b	17/04/2000	8	.	4	.	0
Fix graphics	16/05/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
smg-32	20/06/2000	9	.	0	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #32:9.0.0 Aug00: replaced by 48.008

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

R00 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.99 GERAN project plan and open issues

R00 *current version:* none *WG (prime / other):* - / *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson
freeze_meeting: G: yes U: *MCC:* N, A

history (event, available, version,

draft (as 10.99) 30/05/2000 0 . 0 . 5

[get it](#)

remarks - general:

remarks - this release: .

R00 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R00 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification
R00 *current version: none* *freeze_meeting:* WG (prime / other): G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0
edito 12/07/2000 9 . 0 . 1

[get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
[get it](#) *remarks - this release:* #32:9.0.0->51.010-1v4.0.1 replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)
R00 *current version: none* *freeze_meeting:* WG (prime / other): G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0 Tdoc 7-00-276; P-00-266

[get it](#) *remarks - general:* 2001-11-19: G4->G5.
remarks - this release: #32:9.0.0->51.010-3v4.0.0

R00 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.839 Uplink Synchronous Transmission Scheme (USTS) (Iur/Iub aspects)
R00 *current version: none* *freeze_meeting:* WG (prime / other): R3 / - *rapporteur:* PARK, Jin Hyo SK TELECOM
G: U: yes *MCC:* KRAUSE, Joern

history (event, available, version,
draft 15/08/2000 0 . 0 . 1
RP-10 21/09/2000 0 . 1 . 0 RP-000642

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* -> Rel-4

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

R99

R99 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG
R99 *current version:* none *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* POPE, Maurice
history (event, available, version,
smg-30 11/11/1999 8 . 0 . 0 SP-15: withdrawn since SMG and [get it](#) *remarks - general:*
PT-SMG no longer exist. *remarks - this release:*

TS 01.56 GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements
R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* MESSIET, Samira ALCATEL S.A.
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* CLAYTON, Michael
history (event, available, version,
Withdrawn 16/11/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: CTS is dead duck

R99 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)
R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 8 . 1 . 0 [get it](#) *remarks - this release:* TSG#6: ->3G
smg-30 25/10/2001 8 . 2 . 0 [get it](#)
ETSI publication 30/10/2001 8 . 2 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)								
R99	current version: none freeze_meeting: SP-06	WG (prime / other): S1 / - G: yes U:		rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited			
	history (event, available, version, smg-29 25/06/1999 8 . 0 . 0						get it	remarks - general: remarks - this release:	
TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)								
R99	current version: none freeze_meeting: SP-06	WG (prime / other): S1 / - G: yes U:		rapporteur: CONRAD, Alan MCC: CLAYTON, Michael		T-MOBILE DEUTSCHLAND			
	history (event, available, version, smg-30 11/11/1999 8 . 0 . 0 withdrawn						get it	remarks - general: remarks - this release: #30: 8.0.0 TSG#6->3g	
TS 02.04	General on Supplementary Services								
R99	current version: none freeze_meeting: SP-06	WG (prime / other): S1 / - G: yes U:		rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited			
	history (event, available, version, smg-28 12/02/1999 8 . 0 . 0 smg-29 26/06/1999 8 . 1 . 0 withdrawn (becomes 22.004)						get it get it	remarks - general: remarks - this release:	
TS 02.07	Mobile Station (MS) Features								
R99	current version: none freeze_meeting: SP-06	WG (prime / other): S1 / - G: yes U:		rapporteur: JEAL, David MCC: CLAYTON, Michael		VODAFONE Group Plc			
	history (event, available, version, smg-29 25/06/1999 8 . 0 . 0 smg-30 8 . 1 . 0						get it	remarks - general: remarks - this release: TSG#6: withdrawn	withdrawn. The text for 02.07 was moved to 22.001 and to 22.101; see CR 22.101-028 which resulted in version 3.8.0 and CR 22.100-001 which resulted in version 3.1.0.
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1								
R99	current version: none freeze_meeting: SP-06	WG (prime / other): S3 / G: yes U:		rapporteur: WRIGHT, Tim MCC: POPE, Maurice		Indicate persons who left Company and wait for new One			
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0 ETSI publication 05/06/2001 8 . 0 . 1						get it get it	remarks - general: remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.	SP-18: Withdrawn in favour of 22.031.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.32	Immediate Service Termination (IST); Service description; Stage 1					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> Upgrade to R99 14/02/2000 8 . 0 . 0 ETSI publication 05/06/2001 8 . 0 . 1	get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i> SP-16: withdrawn in favour of 22.032 R99.			
<hr/>						
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> smg-28 12/02/1999 8 . 0 . 0 smg-29 25/06/1999 8 . 1 . 0 withdrawn -> 22.034	get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i>			
<hr/>						
TS 02.38	SIM application toolkit (SAT); Stage 1					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / SCP	<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>		<i>remarks - general:</i> Moved from T3 Jan-00.			
			<i>remarks - this release:</i> Place holder - no spec.			
<hr/>						
TS 02.40	Procedures for Call Progress Indications					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> smg-30 11/11/1999 8 . 0 . 0 withdrawn. The text for 02.40 was moved to 22.001. refer to CR 22.001-001 which resulted in version 3.1.0 of 22.001.	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> R99 -> 22.101			
<hr/>						
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les		Union Internationale des Chemins de Fer	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> smg-29 25/06/1999 8 . 0 . 0 withdrawn -> 22.042	get it	<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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Server WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael	EMCOM Ltd		
<i>history (event, available, version,</i> smg-29 25/06/1999 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)			
<hr/>						
TS 02.60	General Packet Radio Service Stage 1 Description					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> CARPENTER, Paul <i>MCC:</i> CLAYTON, Michael	Research In Motion Limited		
<i>history (event, available, version,</i> smg-28 12/02/1999 8 . 0 . 0 smg-29 25/06/1999 8 . 1 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 8.0.0 #29: 8.1.0 (deleted, moved to 3GPP)			
<hr/>						
TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> GRECH, Michel <i>MCC:</i> CLAYTON, Michael	Lucent Technologies Network Systems UK		
<i>history (event, available, version,</i> smg-29 25/06/1999 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)			
<hr/>						
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> EVEN, Anne <i>MCC:</i> CLAYTON, Michael	France Telecom		
<i>history (event, available, version,</i> smg-28 12/02/1999 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 8.0.0 (to be deleted, moved to 3GPP)			
<hr/>						
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> SLOTTE, Sverre <i>MCC:</i> CLAYTON, Michael	NOKIA Corporation		
<i>history (event, available, version,</i> smg-28 12/02/1999 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 8.0.0 (to be deleted, moved to 3GPP)			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.94 Follow Me Service description; Stage 1

R99 *current version:* none *freeze_meeting:* SP-06 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: yes *U:* *MCC:* CLAYTON, Michael
history (event, available, version, smg-28 1 . 0 . 0
smg-30 11/11/1999 8 . 0 . 0 Withdrawn wef SP-21 [get it](#) *remarks - general:* 2003-07-21 (Clayton): S1 have decided to scrap this spec in favour of a common
remarks - this release: #28: 1.0.0 #30: 8.0.0 August 2001: still debating whether this is GSM-only or
GSM/UMTS spec, 22.094. common. 2003-07-21 (Clayton): S1 have decided to scrap this spec in favour of a
common GSM/UMTS spec, 22.094.

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R99 *current version:* none *freeze_meeting:* SP-06 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
G: yes *U:* *MCC:* YOON, Sang-Ui
history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
remarks - this release: Never produced; make do with R98 version.

TS 03.31 Fraud Information Gathering System (FIGS); Service description; Stage 2

R99 *current version:* none *freeze_meeting:* SP-06 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
G: yes *U:* *MCC:* POPE, Maurice One
history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0 SP-18: withdrawn [get it](#) *remarks - general:* 2001-09-03: S3 secretary reports that this spec is not mature enough for official
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. publication. Work continues
in 43.031. SP-18: in fact, in 23.031.

TS 03.35 Immediate Service Termination (IST); Stage 2

R99 *current version:* none *freeze_meeting:* SP-06 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
G: yes *U:* *MCC:* POPE, Maurice One
history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
SP-11 04/04/2001 8 . 1 . 0 [get it](#) *remarks - this release:* SP-16: withdrawn in favour of 23.035 R99.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.43	Support of Videotex								
R99	<i>current version:</i> none		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.				
	<i>freeze_meeting:</i> SP-06		G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm					
	<i>history (event, available, version, frozen at v7 20/11/2000 (withdrawn))</i>	8 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> Frozen at v7				
<hr/>									
TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> none		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH				
	<i>freeze_meeting:</i> SP-06		G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm					
	<i>history (event, available, version, Upgrade to R99 30/06/2000)</i>	8 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> Sticks at v7				
<hr/>									
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)								
R99	<i>current version:</i> none		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH				
	<i>freeze_meeting:</i> SP-06		G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm					
	<i>history (event, available, version, Upgrade to R99 30/06/2000)</i>	8 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)								
R99	<i>current version:</i> none		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH				
	<i>freeze_meeting:</i> SP-06		G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm					
	<i>history (event, available, version, Upgrade to R99 30/06/2000)</i>	8 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> clamped at v7				
<hr/>									
TS 03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2								
R99	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROBERTS, Martin	Nortel				
	<i>freeze_meeting:</i> SP-06		G: yes U:	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, Upgrade to R99 01/05/2000)</i>	8 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> Never produced; make do with R98 version.				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 03 .- series
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TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 NP-15 withdrawn

[get it](#) *remarks - general:*
remarks - this release: TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R99 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-06 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, smg-28 12/02/1999 8 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)

R99 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services

R99 *current version:* Switching Centre (BSS - MSC) interface none *WG (prime / other):* N3 /- *rapporteur:* KLEHN, Norbert
SIEMENS AG
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, smg-29 25/06/1999 8 . 0 . 0 withdrawn

[get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, smg-31 16/02/2000 8 . 0 . 0
Editorial correction 27/04/2000 8 . 0 . 1 NP-15 withdrawn

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.94 Follow Me Service description; Stage 3

R99 *current version: none*
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): - / - *rapporteur: SWETINA, Joerg* SIEMENS AG
G: yes U: *MCC: N, A*

remarks - general: TF139 proposes to abandon; not needed. USSD does all.
remarks - this release: scrapped whilst still on starting block

R99 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.14 Release independent frequency bands; Implementation guidelines

R99 *current version: none*
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): G1 / G2 *rapporteur: KANGAS, Antti* NOKIA Corporation
G: yes U: *MCC: USAI, Paolino*

remarks - general: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
remarks - this release: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
Changed from G2 to G1 at same time.
R99 will not be produced (source: Usai 2001-01-05)

R99 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version: none*
freeze_meeting: SP-06
history (event, available, version,
smg-29 25/06/1999 8 . 0 . 0 withdrawn -> 27.001

WG (prime / other): N3 / - *rapporteur: HUSLENDE, Ragnar* Telefon AB LM Ericsson
G: yes U: *MCC: BOSWARTHICK, David*

[get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i> smg-29 25/06/1999 8 . 0 . 0								
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)						
<hr/>									
TS 07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i> smg-29 25/06/1999 8 . 0 . 0								
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)						
<hr/>									
TS 07.08	GSM Application Programming Interface								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH					
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i> Creation of R99 30/06/2000 8 . 0 . 0								
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> Frozen at v5						
<hr/>									
<hr/>									
	R99	09 .- series	Server location:	http://www.3gpp.org/ftp/Specs/archive/09_series					
<hr/>									
TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)								
R99	<i>current version:</i> Network (PSTN)	none	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert					
SIEMENS AG									
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i> smg-29 25/06/1999 8 . 0 . 0								
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)						
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G = required in systems with GERAN access; 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

TS 09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling				
R99	current version: none freeze_meeting: SP-06	WG (prime / other): SPA / N4 G: yes U:	rapporteur: SPORTON, Simon MCC:	VODAFONE Group Plc	
	history (event, available, version, WITHDRAWN 29/05/2000 8 . 0 . 0		get it remarks - general: EN 302 646 remarks - this release: May00: Possibly no need for an update.		
<hr/>					
TS 09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification				
R99	current version: none freeze_meeting: SP-06	WG (prime / other): N1 / - G: yes U:	rapporteur: MILLS, Duncan MCC: JORGENSEN, Per Johan	VODAFONE Group Plc	
	history (event, available, version, smg-29 25/06/1999 8 . 0 . 0		get it remarks - general: remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)		
<hr/>					
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults				
R99	current version: none freeze_meeting:	WG (prime / other): N1 / - G: yes U:	rapporteur: ANDERSEN, Niels Peter Skov MCC: JORGENSEN, Per Johan	MOTOROLA A/S	
	history (event, available, version,		remarks - general: remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version. 2002-05-07 (Hietalahti): scrap R99 in favour of 29.994.		

R99 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.43	Support of Localised Service Area (SoLSA); Work Item Status				
R99	current version: none freeze_meeting: SP-06	WG (prime / other): S1 / - G: yes U:	rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael	NOKIA Corporation	
	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.		

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.57	Project scheduling and open issues: Mobile Station Execution Environment (MExE)								
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH					
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i> WITHDRAWN 14/03/2000 8 . 0 . 0	get it	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references <i>remarks - this release:</i> No R99 impact.						
TR 10.76	Noise suppression for the AMR codec; Project scheduling and open issues								
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One					
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i> draft 15/08/1999 0 . 0 . 8 draft 15/10/1999 1 . 0 . 0	2002-01-23: Usai indicates "stopped".	get it	<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped". <i>remarks - this release:</i> 2002-01-23: Usai indicates "stopped".					
TS 10.89	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;								
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG					
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i> 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	2002-01-23: Usai indicates "stopped".	get it	<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped". <i>remarks - this release:</i> 2002-01-23: Usai indicates "stopped".					

R99 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification								
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G3ne / S1 / NP / T2 / SCP	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED					
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0	get it	<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> proposed, but nya; flagged as withdrawn at SMG#32 to make life easier						

G = required in systems with GERAN access; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)				
R99	current version: none freeze_meeting: SP-06	WG (prime / other): G3ne / S1 / NP / T2 / SCP	rapporteur: SALMERON, Lidia	TELEPLUS LIMITED	
	history (event, available, version, Upgraded to R99 30/06/2000 8 . 0 . 0	G: yes U:	MCC: CLAYTON, Michael		get it remarks - general: 2001-11-19: G4->G5. remarks - this release: skipped straight to R00.

TS 11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface				
R99	current version: none freeze_meeting: SP-06	WG (prime / other): T3 / -	rapporteur: LINDHOLM, Rune	NOKIA MOBILE PHONES	
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0	G: yes U:	MCC: DIETZE, Claus		get it remarks - general: remarks - this release: Sanders Oct 2000: Effectively replaced by 31.101.

R99 **21** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.010	reserved				
R99	current version: none freeze_meeting: SP-06	WG (prime / other): SP / -	rapporteur: VACANT,		
	history (event, available, version,	G: U: yes	MCC: POPE, Maurice		remarks - general: remarks - this release: 3.0.0 dates from June 99

TS 21.100	3G specification handling procedures				
R99	current version: none freeze_meeting: SP-06	WG (prime / other): - / -	rapporteur: MEREDITH, John M	ETSI Secretariat	
	history (event, available, version, SP-08 28/06/2000 1 . 0 . 0	G: U: yes	MCC: N, A		get it remarks - general: Knobbled prior to SA#8. remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.906 reserved					
R99	current version: none	WG (prime / other): - /	rapporteur: CLAYTON, Michael	EMCOM Ltd	
	freeze_meeting: SP-06	G: U: yes	MCC: N, A		
	history (event, available, version,				
	First complete 04/03/1999	get it	remarks - general:		
	SP-03		remarks - this release: .		
	0 . 0 . 0				
	3 . 0 . 0				

R99 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1					
R99	current version: none	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	get it	remarks - general: Transfer>TSG#4		
	SP-08 28/06/2000	get it	remarks - this release: Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.		
	3 . 0 . 1				
	3 . 1 . 0				

TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1					
R99	current version: none	WG (prime / other): S4 / -	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: SP-11	G: yes U: yes	MCC: USAI, Paolino		
	history (event, available, version,				
	SP-06		remarks - general: Transfer>TSG#4.		
	3 . 0 . 0		remarks - this release: 2001-01-22: Scrapped. 02.53 is retained.		

TR 22.907 Terminal concepts					
R99	current version: none	WG (prime / other): - / -	rapporteur: TOLVANEN, Mika	NOKIA MOBILE PHONES	
	freeze_meeting: SP-03	G: U: yes	MCC: N, A		
	history (event, available, version,				
	Table of Contents 19/10/1997	get it	remarks - general: CR at TSG#4 Not maintained		
	and Scope		remarks - this release: Withdrawn (Clayton 2000-02-11)		
	First complete 19/12/1997	get it			
	WG approval 15/02/1998	get it			
	smg-25 20/03/1998	get it			
	SP-03 22/04/1999	get it			
	SP-04 23/06/1999	get it			
	0 . 0 . 2				
	1 . 0 . 0				
	2 . 0 . 0				
	3 . 0 . 0				
	3 . 1 . 2				
	3 . 1 . 3				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.924 Charging and accounting mechanisms

R99 *current version:* none
freeze_meeting: SP-03

WG (prime / other): - / - *rapporteur:* MONTEGROSSO, TELECOM ITALIA S.p.A.
Emanuele
G: U: yes *MCC:* N, A

history (event, available, version,

Table of Contents and Scope	19/10/1997	0	.	0	.	1
First complete	19/12/1997	1	.	2	.	1
WG approval	15/02/1997	2	.	0	.	0
smg-25	20/03/1998	3	.	0	.	0
smg-28	15/02/1999	3	.	1	.	0
SP-03	23/04/1999	3	.	1	.	1

[get it](#) *remarks - general:*
remarks - this release: .

[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 22.925 Quality of Service (QoS) and network performance

R99 *current version:* none
freeze_meeting: SP-03

WG (prime / other): - / - *rapporteur:* ERIKSSON, Olle Telefon AB LM Ericsson
G: U: yes *MCC:* N, A

history (event, available, version,

First complete	13/06/1997	1	.	1	.	0
WG approval	19/12/1997	2	.	0	.	0
smg-25	20/03/1998	3	.	0	.	0
SP-03	23/04/1999	3	.	1	.	1

[get it](#) *remarks - general:*
remarks - this release: .

[get it](#)
[get it](#)
[get it](#)

TR 22.960 Mobile multimedia services

R99 *current version:* none
freeze_meeting: SP-03

WG (prime / other): - / - *rapporteur:* AHNBERG, Tomas Indicate persons who left Company and wait for new
One
G: U: yes *MCC:* N, A

history (event, available, version,

Table of Contents and Scope	17/10/1997	0	.	0	.	4
First complete	19/12/1997	1	.	0	.	0
WG approval	15/02/1997	2	.	0	.	0
SP-03	23/04/1999	3	.	0	.	1

withdrawn

[get it](#) *remarks - general:*
remarks - this release: .

[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.970 Virtual Home Environment Report

R99 *current version:* none
freeze_meeting: SP-03

WG (prime / other): - / - *rapporteur:* OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited
G: *U:* yes *MCC:* N, A

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
smg-25 20/03/1998 3 . 0 . 0
SP-03 23/04/1999 3 . 0 . 1

[get it](#) *remarks - general:*
remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TR 22.972 Circuit-switched multimedia

R99 *current version:* none
freeze_meeting: SP-06

WG (prime / other): - / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: *U:* yes *MCC:* N, A

history (event, available, version,
First complete 23/04/1999 0 . 0 . 0

[get it](#) *remarks - general:* Title grows "cct sw".
remarks - this release: Withdrawn (Clayton 2000-02-11)

R99 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.010 GSM Public Land Mobile Network (PLMN) Connection Types

R99 *current version:* none
freeze_meeting: SP-08

WG (prime / other): - / - *rapporteur:* DETTNER, Harald SIEMENS AG
G: *U:* yes *MCC:* N, A

history (event, available, version,
SP-03 30/05/1999 3 . 0 . 0

[get it](#) *remarks - general:* superseded by 23.910
remarks - this release: TSG#7:3.0.0 - later scrapped

TS 23.022 Functions related to Mobile Station (MS) in idle mode and group receive mode

R99 *current version:* none
freeze_meeting: SP-06

WG (prime / other): - / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes *U:* yes *MCC:* N, A

history (event, available, version,
SP-03 23/04/1999 3 . 0 . 0
SP-04 23/06/1999 3 . 1 . 0

[get it](#) *remarks - general:* Superseded by 23.122
remarks - this release: 3.1.0 dates from June 99

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

TS 23.043	Support of Videotex								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG			
	<i>freeze_meeting:</i> SP-08			<i>G:</i> U: yes	<i>MCC:</i> N, A				
	<i>history (event, available, version,</i>								
	SP-03 30/05/1999	3	.	0	.	0			
				get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> 3.0.0 Apr 99 - later scrapped				
<hr/>									
TS 23.044	Support of Teletex								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG			
	<i>freeze_meeting:</i> SP-08			<i>G:</i> U: yes	<i>MCC:</i> N, A				
	<i>history (event, available, version,</i>								
	SP-03 30/05/1999	3	.	0	.	0			
				get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> 3.0.0 Apr 99 - later scrapped				
<hr/>									
TS 23.045	Technical Realization of Facsimile Group 3 Service - transparent								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-08			<i>G:</i> U: yes	<i>MCC:</i> N, A				
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999	3	.	0	.	0			
				get it	<i>remarks - general:</i> Version 8.x.x exists				
					<i>remarks - this release:</i> 3.0.0 Apr 99 - reverts to 03.45 v8.0.0				
<hr/>									
TS 23.046	Technical realisation of facsimile Group 3 service - non-transparent								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-06			<i>G:</i> U: yes	<i>MCC:</i> N, A				
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999	3	.	0	.	0			
				get it	<i>remarks - general:</i> superseded by 23.146				
					<i>remarks - this release:</i> 3.0.0 Apr 99				
<hr/>									
TS 23.054	Shared Interworking Functions (SIWF); Stage 2								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> ROSTÖ, Tommy	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-03			<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	NP-13: withdrawn		
				get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> NP-13: withdrawn.				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 23 .- series
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TS 23.069	Voice Broadcast service (VBS); Stage 2								
R99	<i>current version:</i> none	<i>freeze_meeting:</i> SP-06	<i>history (event, available, version,</i>	<i>NP-03 23/04/1999</i>	3 . 0 . 0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG	
						<i>G:</i> U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
						get it	<i>remarks - general:</i> Reverts to 03.69 R99.		
							<i>remarks - this release:</i> 3.0.0 Apr 99 - Reverts to 03.69 R99.		
<hr/>									
TS 23.070	Routing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> none	<i>freeze_meeting:</i> SP-03	<i>history (event, available, version,</i>	<i>SP-03 23/04/1999</i>	3 . 0 . 0	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> KOSYDAR, L	Indicate persons who left Company and wait for new One	
						<i>G:</i> yes U: yes	<i>MCC:</i> N, A		
						get it	<i>remarks - general:</i> N3 indicates not required for R99, so revert to 03.70 R98.		
							<i>remarks - this release:</i> withdrawn NP-06		
<hr/>									
TS 23.071	Location Services (LCS); Functional description; Stage 2								
R99	<i>current version:</i> none	<i>freeze_meeting:</i> SP-08	<i>history (event, available, version,</i>	<i>SP-04 30/05/1999</i>	3 . 0 . 0	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> STEER, David G	NORTEL NETWORKS (EUROPE)	
						<i>G:</i> U: yes	<i>MCC:</i> N, A		
						get it	<i>remarks - general:</i> superseded by 25.305		
							<i>remarks - this release:</i> .		
<hr/>									
TS 23.073	Support of Localised Service Area (SoLSA); Stage 2								
R99	<i>current version:</i> none	<i>freeze_meeting:</i> SP-05	<i>history (event, available, version,</i>	<i>NP-05 13/10/1999</i>	3 . 0 . 0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>edito 06/06/2000</i>				3 . 0 . 1	<i>G:</i> yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
						get it	<i>remarks - general:</i> Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.		
						get it	<i>remarks - this release:</i> SP-16: reverts to 03.73 since applies to GERAN systems only.		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.920	Evolution of the GSM platform towards UMTS				
R99	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i> SP-08		G: yes U: yes	<i>MCC:</i> N, A	
	<i>history (event, available, version,</i>				
	Table of Contents	17/10/1997	0 . 0 . 3	get it	<i>remarks - general:</i>
	and Scope				<i>remarks - this release:</i> Stopped TSG#6
	Transfer to SP SA	04/03/1999	0 . 6 . 1	get it	
	SP-03	23/04/1999	1 . 0 . 0	get it	
	WG approval	01/04/1999	1 . 0 . 0	get it	
	First complete	01/04/1999	1 . 0 . 0	get it	
	SP-04	23/06/1999	3 . 0 . 0	get it	
	SP-05	13/10/1999	3 . 1 . 0	get it	

TR 23.922	Architecture for an All IP network				
R99	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i> SP-06		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui	
	<i>history (event, available, version,</i>				
	SP-05	13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i> TSG#5: 1.0.0
					<i>remarks - this release:</i> Was suspected to be v3.0.0, but evidently not so. Sultan, Apr-2001: abandoned in early 2000; replaced by 23.228 and 23.221.

TR 23.925	UMTS Core network based ATM transport				
R99	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROUZ, Adel	FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i> SP-06		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui	
	<i>history (event, available, version,</i>				
	Table of Contents	22/04/1999	0 . 0 . 1	get it	<i>remarks - general:</i> Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.
	and Scope				<i>remarks - this release:</i> SP-20: stopped SP-20: stopped
	SP-03	23/04/1999	0 . 2 . 0	get it	

TR 23.927	VHE, Open Service Architecture (OSA)				
R99	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd
	<i>freeze_meeting:</i> SP-06		G: yes U: yes	<i>MCC:</i> N, A	
	<i>history (event, available, version,</i>				
	First complete	23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i> Replaced by 23.127
	SP-03	23/04/1999	0 . 1 . 0 withdrawn	get it	<i>remarks - this release:</i> Withdrawn (Clayton 2000-02-11).

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

TR 23.960 Framework of network functions to support multimedia services

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* GABE, Axel SIEMENS AG
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* N, A
history (event, available, version, SP-03 23/04/1999 0 . 1 . 0

[get it](#) *remarks - general:*
remarks - this release: .

R99 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.012 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R99 *current version:* none *WG (prime / other):* G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S
freeze_meeting: SP-05 *G:* yes *U:* yes *MCC:* THOMASEN, Gert
history (event, available, version, SP-05 13/10/1999 3 . 0 . 0

[get it](#) *remarks - general:* Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12
remarks - this release: Replaced by 04.12 R99. R99) and shift responsibility to G2 (and should have been

N2 anyway). Agreed to

txfer to G2, but still as 24.012.

TS 24.065 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND-CP)

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-12 *G:* U: yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, NP-03 23/04/1999 3 . 0 . 0
NP-04 27/05/1999 3 . 1 . 0

[get it](#) *remarks - general:* Scrapped: is GSM only
[get it](#) *remarks - this release:* 2000-02-14: To revert to 2g only 04.65, 24.165 may be required. 2000-11-08
withdrawn; not required for 3G.

TS 24.068 Group Call Control (GCC) Protocol

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-06 *G:* U: yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, NP-03 3 . 0 . 0
NP-04 3 . 1 . 0

remarks - general: GSM only for R99.
remarks - this release: GSM only for R99.

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.069	Broadcast Call Control (BCC) protocol				
R99	current version: none	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: SP-06	G: U: yes	MCC: JORGENSEN, Per Johan		
	history (event, available, version,		remarks - general: GSM only for R99.		
	NP-03 3 . 0 . 0		remarks - this release: GSM only for R99.		
	NP-04 3 . 1 . 0				

TS 24.094	Follow Me; Stage 3				
R99	current version: none	WG (prime / other): - / -	rapporteur: BERGMANN, Ansgar	Deutsche Telekom AG	
	freeze_meeting: SP-06	G: U: yes	MCC: N, A		
	history (event, available, version,		remarks - general: TF139 proposes to abandon; not needed. USSD does all.		
			remarks - this release: USSD does all. No draft expected.		

R99 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.053	Tandem Free Operation (TFO); Service description; Stage 2				
R99	current version: none	WG (prime / other): - / -	rapporteur: MEREDITH, John M	ETSI Secretariat	
	freeze_meeting: SP-06	G: yes U: yes	MCC: N, A		
	history (event, available, version,		remarks - general: No draft. Anyway, should have been 23.053.		
			remarks - this release: no draft ever materialised		

TS 25.103	RF parameters in support of RRM				
R99	current version: none	WG (prime / other): - / -	rapporteur: FRANCESCHI, Olle	Nippon Ericsson K.K.	
	freeze_meeting: SP-06	G: yes U: yes	MCC: N, A		
	history (event, available, version,		remarks - general: Withdrawn in favour of 25.123 & 25.133		
	First complete 04/03/1999 0 . 0 . 0	get it	remarks - this release: Withdrawn		
	NP-03 23/04/1999 0 . 1 . 0	get it			
	NP-04 23/06/1999 1 . 0 . 0	get it			
	NP-05 13/10/1999 2 . 0 . 0	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.831	Study Items for future release					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-03 23/04/1999 0 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-04 23/06/1999 0 . 0 . 2	get it	<i>remarks - this release:</i> RP-19 (post R3-31): stopped.			
<hr/>						
TR 25.923	Stage 2 Functional Specification of Location Services in UTRAN					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> STEER, David G	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>					
	draft 30/04/1999 1 . 0 . 0	get it	<i>remarks - general:</i> superseded by 25.305			
	draft 01/09/1999 1 . 2 . 0	get it	<i>remarks - this release:</i> .			
	draft 30/09/1999 1 . 4 . 0	get it				
<hr/>						
TR 25.926	UE Radio Access capabilities definition					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LUNDSJÖ, Johan	Ericsson AB		
	<i>freeze_meeting:</i> SP-07	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-05 13/10/1999 0 . 0 . 0	get it	<i>remarks - general:</i> ->25.306 Nov 00.			
	R2-08 30/11/1999 0 . 1 . 0	get it	<i>remarks - this release:</i> Nov00->25.306 but first ->TSG#10:3.3.0			
	R2-09 17/12/1999 1 . 0 . 0	get it				
	RP-07 15/03/2000 3 . 0 . 0	get it				
	RP-08 23/06/2000 3 . 1 . 0	get it				
	RP-08 06/10/2000 3 . 2 . 0	get it				
	RP-10 15/12/2000 3 . 3 . 0	get it				
<hr/>						
TR 25.990	Vocabulary for UTRAN					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> OKRAH, Peter	Motorola Inc.		
	<i>freeze_meeting:</i> SP-05	<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version,</i>					
	RP-03 23/04/1999 0 . 0 . 2	get it	<i>remarks - general:</i> ->21.905			
	RP-04 23/06/1999 0 . 1 . 4	get it	<i>remarks - this release:</i> Will be withdrawn when 21.905 is updated with all the contents of this TR. RP-15; the update was done at RP-13, so this can now be withdrawn.			
	RP-05 13/10/1999 3 . 0 . 0	get it				

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

R99 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.075	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-07	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>					
	SP-03 23/04/1999 0 . 0 . 0	get it	<i>remarks - general:</i> Created TSG#6. Replaced by '975 at TSG#7.			
	SP-06 17/12/1999 1 . 0 . 0	get it	<i>remarks - this release:</i> replaced by 26.975			
	SP-05 13/10/1999 1 . 0 . 0	get it				
	SP-04 23/06/1999 1 . 0 . 0	get it				
	Editorial 23/06/2000 1 . 2 . 0	get it				
TS 26.112	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-07	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-03 26/04/1999 1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-04 23/06/1999 1 . 1 . 0	get it	<i>remarks - this release:</i>			
TS 26.115	Echo control for speech and multi-media services					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-07	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	Creation of WI by 02/02/2000 0 . 0 . 1	get it	<i>remarks - general:</i>			
	WG/TB		<i>remarks - this release:</i> Feb00: 0.0.1 - Withddrawn in favour of 26.915; will be reinstated for Rel-4.			
TS 26.121	Technical Specification for Tandem Free Operation within 3G networks					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain	Cingular Wireless LLC		
	<i>freeze_meeting:</i> SP-08	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.122	Technical Specification for Tandem Free Operation between 3G and 2G networks					
R99	<i>current version: none</i>	<i>WG (prime / other):</i>	- / -	<i>rapporteur:</i>	OHANA, Alain	Cingular Wireless LLC
	<i>freeze_meeting: SP-07</i>	<i>G:</i>	<i>U: yes</i>	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 26.133	Wide band speech telephony terminal acoustic characteristics					
R99	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 /	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One
	<i>freeze_meeting: SP-06</i>	<i>G:</i>	<i>U: yes</i>	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	Stopped: Included in 26.131 & '132.	
				<i>remarks - this release:</i>		
<hr/>						
TS 26.134	Wide band speech telephony terminal acoustic test specification					
R99	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 /	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One
	<i>freeze_meeting: SP-06</i>	<i>G:</i>	<i>U: yes</i>	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	Stopped: Included in 26.131 & '132.	
				<i>remarks - this release:</i>		
<hr/>						
TS 26.135	Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony					
R99	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 /	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting: SP-06</i>	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	Stopped: Included in 26.131 & '132.	
				<i>remarks - this release:</i>		
<hr/>						
TS 26.136	Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony					
R99	<i>current version: none</i>	<i>WG (prime / other):</i>	S4 /	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting: SP-06</i>	<i>G:</i>	<i>U: yes</i>	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	Stopped: Included in 26.131 & '132.	
				<i>remarks - this release:</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.137	Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony					
R99	current version: none freeze_meeting: SP-06 history (event, available, version,	WG (prime / other): S4 / G: U: yes	rapporteur: USAI, Paolino MCC: USAI, Paolino	TELECOM ITALIA S.p.A.		
			remarks - general: Stopped: Included in 26.131 & '132. remarks - this release: .			
<hr/>						
TS 26.138	Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony					
R99	current version: none freeze_meeting: SP-06 history (event, available, version,	WG (prime / other): S4 / G: U: yes	rapporteur: USAI, Paolino MCC: USAI, Paolino	TELECOM ITALIA S.p.A.		
			remarks - general: Stopped: Included in 26.131 & '132. remarks - this release: .			
<hr/>						
TR 26.913	Quantitative performance evaluation of real-time packet switched multimedia services over 3G					
R99	current version: none freeze_meeting: SP-06 history (event, available, version, SP-03 23/04/1999 0 . 0 . 0 SP-04 23/06/1999 0 . 0 . 1	WG (prime / other): S4 / - G: U: yes	rapporteur: HONKO, Harri MCC: USAI, Paolino	NOKIA Corporation		
			get it remarks - general: get it remarks - this release: No work, will never appear as 3.0.0 (Usai, Mar 2001) 2001-07:Usai: withdrawn.			

R99 **28** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3					
R99	current version: none freeze_meeting: SP-06 history (event, available, version, SP-05 13/10/1999 3 . 0 . 0	WG (prime / other): S4 / - G: yes U: yes	rapporteur: SUERBAUM, Clemens MCC: USAI, Paolino	SIEMENS AG		
			get it remarks - general: Transfer>TSG#4 remarks - this release: withdrawn from R99.			

R99 **29** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.004	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> SP-08	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</i> SP-03 23/04/1999 3 . 0 . 0		get it	<i>remarks - general:</i> N3 indicates not required for R99, so revert to 09.04 R98.					
				<i>remarks - this release:</i>					
<hr/>									
TS 29.005	Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> SP-08	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</i> SP-03 23/04/1999 3 . 0 . 0		get it	<i>remarks - general:</i> N3 indicates not required for R99, so revert to 09.05 R98.					
				<i>remarks - this release:</i>					
<hr/>									
TS 29.006	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BRAUN, Achim	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</i> SP-03 23/04/1999 3 . 0 . 0		get it	<i>remarks - general:</i> N3 indicates not required for R99, so revert to 09.06 R98.					
				<i>remarks - this release:</i> withdrawn NP-06					
<hr/>									
TR 29.993	Modifications to be incorporated in equipment to cater for errors in the standards								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> RP / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.					
	<i>freeze_meeting:</i>	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i> RP-19: stopped.					
				<i>remarks - this release:</i> .					

R99 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.531 Work Plan and Study Items - RAN WG3

R99 current version: none
freeze_meeting: SP-06

WG (prime / other): R3 / - rapporteur: KRAUSE, Joern SIEMENS AG
G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

draft 15/02/1999 0 . 0 . 1
draft 15/03/1999 0 . 0 . 2

[get it](#) remarks - general:

[get it](#) remarks - this release: 2003-01-14: R99 stopped. Work continues, but for later Release. Skip straight to Rel-6

draft 15/04/1999 0 . 0 . 3

[get it](#)

RP-03 23/04/1999 0 . 1 . 0

[get it](#)

draft 15/05/1999 0 . 1 . 1

[get it](#)

RP-04 23/06/1999 0 . 1 . 2

[get it](#)

RP-05 13/10/1999 0 . 3 . 1

[get it](#)

draft 30/10/1999 0 . 3 . 2

[get it](#)

draft 15/11/1999 0 . 4 . 0

[get it](#)

draft 30/11/1999 0 . 4 . 1

[get it](#)

RP-06 12/12/1999 0 . 5 . 0

[get it](#)

draft 15/01/2000 0 . 5 . 1

[get it](#)

draft 15/02/2000 0 . 6 . 0

[get it](#)

draft 20/02/2000 0 . 6 . 1

[get it](#)

RP-07 15/03/2000 0 . 7 . 0 RP-000142

[get it](#)

draft 30/03/2000 0 . 7 . 1

[get it](#)

RP-08 23/06/2000 0 . 8 . 0

[get it](#)

RP-09 15/08/2000 0 . 8 . 1

[get it](#)

RP-09 03/10/2000 0 . 8 . 2

[get it](#)

RP-10 0 . 8 . 5 RP-000688

[get it](#)

draft 21/12/2000 0 . 8 . 6

[get it](#)

RP-11 27/03/2001 0 . 8 . 8

[get it](#)

RP-12 05/07/2001 0 . 9 . 0 RP-010388

[get it](#)

RP-13 01/10/2001 0 . 9 . 2 RP-010604

[get it](#)

draft 23/11/2001 0 . 9 . 3 R3-013076

[get it](#)

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31 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TR 31.900 SIM/USIM internal and external interworking aspects

R99 *current version:* none *freeze_meeting:* TP-12 *WG (prime / other):* T3 / *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
G: *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-11 05/04/2001 1 . 0 . 0 Thought to have been approved as [get it](#) *remarks - general:*
3.0.0, but in fact was not! (JMM after *remarks - this release:* TP-16: withdrawn; only Rel-5 remains valid.
Sanders 2001-05-16) TP-010113
TP-12 2 . 0 . 0
TP-12 06/07/2001 3 . 0 . 0 [get it](#)
TP-13 12/10/2001 3 . 1 . 0 [get it](#)
TP-15 28/03/2002 3 . 2 . 0 TP-16: withdrawn; only Rel-5 remains [get it](#)
valid.

R99 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.008 Subscriber and Equipment trace

R99 *current version:* none *freeze_meeting:* SP-06 *WG (prime / other):* - / - *rapporteur:* SJÖBLOM, Kai NOKIA Corporation
G: *U:* yes *MCC:* N, A
history (event, available, version,
remarks - general: Existence deduced from STF139 programme. But denied by Sjöblom.
remarks - this release: Not to be produced.

TS 32.106 Configuration Management

R99 *current version:* none *freeze_meeting:* SP-07 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
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 eight parts
SP-06 17/12/1999 1 . 1 . 0 [get it](#) *remarks - this release:* SP-08: multipart split from parent 3.0.1
SP-07 2 . 0 . 0
SP-07 17/03/2000 3 . 0 . 0 [get it](#)
Editorial 17/03/2000 3 . 0 . 1 withdrawn SP-08 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111 3G Fault Management

R99	<i>current version:</i> none					<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CICCHITTO, Gaetano	SIEMENS Mobile Communications S.p.A.
	<i>freeze_meeting:</i> SP-08					<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>							
	SP-05 13/10/1999	1	. 0	. 0		get it	<i>remarks - general:</i> TSG#8: split into 4 parts	
	SP-06 17/12/1999	1	. 1	. 0		get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1	
	SP-07 17/03/2000	3	. 0	. 0		get it		
	Editorial 17/03/2000	3	. 0	. 1		get it		
	SP-08: split into 23/06/2000	3	. 1	. 0		get it		
	parts							
	Formatting 18/07/2000	3	. 2	. 0		get it		

R99 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.900 Guide to 3G security

R99	<i>current version:</i> none					<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BROOKSON, Charles	DTI - Department of Trade and Industry
	<i>freeze_meeting:</i> SP-06					<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version,</i>							
	SP-08 23/06/2000	1	. 2	. 0		get it	<i>remarks - general:</i>	
							<i>remarks - this release:</i> New at TSG#6	

TR 33.909 3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions

R99	<i>current version:</i> none					<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-10					<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version,</i>							
	SP-10 16/01/2001	1	. 0	. 0	SP-000629	get it	<i>remarks - general:</i> TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.	
	SP-10	3	. 0	. 0	withdrawn, not needed for R99		<i>remarks - this release:</i> TSG#7: referred to in 33.908. Had been withdrawn, but reinstated at TSG#10. SA#13: 2001-09-23 withdrawn.	

R99 **35** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;	R99	current version: Document 1: General	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0								
			SAGE only supplied PDF, so no real deliverable yet available - SP-000630	get it	remarks - general:	ex SAGE. 2002-06: clarified that deliverable is TS not TR.		remarks - this release:	TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	R99	current version: Document 2: Algorithm specification	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0								
			SP-000673	get it	remarks - general:	ex SAGE		remarks - this release:	TSG#10:SP-000673, not to be published till OKed by Partners. TSG#11:changed to Rel-4
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	R99	current version: Document 3: Implementors' test data	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0								
			SP-000630	get it	remarks - general:	ex SAGE		remarks - this release:	.TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4
TS 35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	R99	current version: Document 4: Design conformance test data	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0								
			SP-000630	get it	remarks - general:	ex SAGE		remarks - this release:	TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.209 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;
R99 *current version:* Document 5: Summary and results of design and evaluation none *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael
VODAFONE Group Plc

freeze_meeting: SP-11 G: U: yes MCC: POPE, Maurice
history (event, available, version, SP-11 3 . 0 . 0
remarks - general: ex SAGE
remarks - this release: This turns out to be a report, so -> 35.909.

UMTS

UMTS 00 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/00_series

TR 00.01U Work programme for the standarization of Universal Mobile Telecommunications System (UMTS)
UMTS *current version:* none *WG (prime / other):* SMG / *rapporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes MCC:
history (event, available, version,
smg-03 18/11/1994 3 . 0 . 0 [get it](#) *remarks - general:*
smg-18 21/05/1996 3 . 1 . 0 [get it](#) *remarks - this release:* .
smg-19 04/09/1996 3 . 2 . 0 [get it](#)

TR 00.02U Coordination guideline for SMG on UMTS with respect to ITU and European research programmes
UMTS *current version:* none *WG (prime / other):* SMG / *rapporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes MCC:
history (event, available, version,
smg-05 3 . 0 . 0 *remarks - general:*
remarks - this release: .

UMTS 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.01U	Universal Mobile Telecommunications System (UMTS); Objectives and overview								
UMTS	current version: none freeze_meeting:	WG (prime / other):	SP / -	rapporteur:	N, A				Indicate persons who left Company and wait for new One
	history (event, available, version, ETSI publication)	G:	U: yes	MCC:	POPE, Maurice				remarks - general: remarks - this release: .
			3 . 0 . 0						
TR 01.03U	Universal Mobile Telecommunications System (UMTS); System requirements								
UMTS	current version: none freeze_meeting:	WG (prime / other):	SMG / -	rapporteur:	RICHARDS, Derek				Megisto Systems Inc.
	history (event, available, version, ETSI publication)	G: yes	U:	MCC:					ETSI ETR 291 withdrawn. ETSI ETR 291, withdrawn.
	15/05/1996								
			3 . 1 . 0						withdrawn get it
TR 01.04U	Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS)								
UMTS	current version: none freeze_meeting:	WG (prime / other):	- /	rapporteur:	N, A				Indicate persons who left Company and wait for new One
	history (event, available, version, smg-19)	G: yes	U:	MCC:	N, A				ETSI ETR 291 withdrawn. ETSI ETR 291, withdrawn.
	28/09/1996								
			3 . 0 . 0						remarks - general: remarks - this release: .
TR 01.05U	System design methodology for the UMTS								
UMTS	current version: none freeze_meeting:	WG (prime / other):	SMG / -	rapporteur:	VACANT,				
	history (event, available, version, draft)	G: yes	U:	MCC:					ETSI ETR 291 withdrawn. ETSI ETR 291, withdrawn.
			1 . 0 . 0						remarks - general: remarks - this release: .

UMTS 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01U Framework for services to be supported by UMTS

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

G: yes *U:* *MCC:* N, A

history (event, available, version,
Suspended 10/04/1996 3 . 0 . 0
animation

[get it](#) *remarks - general:*
remarks - this release: .

UMTS 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.01U Framework of network requirements, interworking and integration for the Universal Mobile Telecommunication System

UMTS *current version:* none
freeze_meeting:

WG (prime / other): SP / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

G: *U:* yes *MCC:* POPE, Maurice

history (event, available, version,
Suspend work 10/10/1996 2 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: .

UMTS 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.01U Universal Mobile Telecommunications System (UMTS); Objectives and framework for the Telecommunications Management Network (TMN) of the UMTS

UMTS *current version:* none
freeze_meeting:

WG (prime / other): SP / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

G: *U:* yes *MCC:* POPE, Maurice

history (event, available, version,
draft 10/10/1997 2 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: .

UMTS 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.01U Universal Mobile Telecommunications System (UMTS); Quality requirements for speech and associated channel coding for the UMTS
UMTS *current version:* none *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: One
history (event, available, version, draft 10/10/1996 3 . 0 . 0 G: U: yes *MCC:* POPE, Maurice
[get it](#) *remarks - general:*
remarks - this release: .

TR 06.02U Universal Mobile Telecommunications System (UMTS); Quality requirements and selection procedure for the support of voice- band data coding for the UMTS
UMTS *current version:* none *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: One
history (event, available, version, draft 0 . 0 . 0 G: U: yes *MCC:* POPE, Maurice
remarks - general:
remarks - this release: .

UMTS **07** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TR 07.01U Universal Mobile Telecommunications System (UMTS); Integration of audio/visual source coding into UMTS
UMTS *current version:* none *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: One
history (event, available, version, G: U: yes *MCC:* POPE, Maurice
remarks - general:
remarks - this release: .

UMTS **12** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TT 12.01U	Framework for satellite integration with the UMTS				
UMTS	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i> Waiting - see 12/10/1995 3 . 0 . 0 "secretariat comments"	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian	get it <i>remarks - general:</i> <i>remarks - this release:</i> .	

TR 12.02U	Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS				
UMTS	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i> Waiting - see 10/10/1996 3 . 0 . 0 "secretariat comments"	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian	get it <i>remarks - general:</i> <i>remarks - this release:</i> .	

UMTS 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.02U	High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept				
UMTS	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov		MOTOROLA A/S
	<i>history (event, available, version,</i> smg-22 13/06/1997 3 . 0 . 0 ETSI publication 03/11/1998 3 . 0 . 1	<i>G:</i> U:	<i>MCC:</i> USAI, Paolino	get it <i>remarks - general:</i> get it <i>remarks - this release:</i>	

TS 21.04U	Requirements for the support of data services in UMTS				
UMTS	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> HOLLEY, Kevin		mmO2 plc
	<i>history (event, available, version,</i> draft 17/01/2000 1 . 0 . 0	<i>G:</i> U:	<i>MCC:</i> N, A	get it <i>remarks - general:</i> <i>remarks - this release:</i> #26: 0.0.2 or perhaps as 1.0.0	

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.06U O&M requirements for the UMTS

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:* WEICHSELBAUM, Vodafone D2 GmbH
Steffen

G: *U:* *MCC:* N, A

history (event, available, version,
First complete 19/10/1997 1 . 0 . 0
Milestone 1 19/12/1997 1 . 1 . 2
WG approval 17/02/1997 2 . 0 . 0
smg-25 20/03/1998 3 . 0 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

UMTS **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.00U UMTS Phase 1

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:* VERRIER, David Indicate persons who left Company and wait for new
One

G: *U:* *MCC:* N, A

history (event, available, version,
smg-27 1 . 0 . 0
draft 24/11/1998 1 . 3 . 0

remarks - general:
[get it](#) *remarks - this release:*

TS 22.01U Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)
G: *U:* *MCC:* N, A

history (event, available, version,
smg-21 3 . 0 . 0
smg-22 3 . 1 . 0
smg-24 3 . 2 . 1
smg-27 17/10/1998 3 . 3 . 0

remarks - general:
remarks - this release:
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.05U	Services and service capabilities					
UMTS	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> PUGA PEREIRA, Emmanuel	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>			G: U:	MCC: N, A	
	<i>history (event, available, version,</i>					
	smg-25	3 . 0 . 0				<i>remarks - general:</i>
	smg-26 01/07/1998	3 . 1 . 0		get it		<i>remarks - this release:</i>
TR 22.07U	UMTS terminal and smart card concepts					
UMTS	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> SMOLANDER, Jouni	NOKIA Corporation
	<i>freeze_meeting:</i>			G: yes U:	MCC: N, A	
	<i>history (event, available, version,</i>					
	smg-25	3 . 0 . 0				<i>remarks - general:</i>
	smg-27	3 . 1 . 0				<i>remarks - this release:</i>
	edito 29/10/1998	3 . 1 . 1		get it		
TS 22.21U	Virtual Home Environment					
UMTS	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i>			G: U:	MCC: N, A	
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
TS 22.24U	Charging and Accounting Mechanism					
UMTS	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CHAMBERS, David	MOTOROLA Ltd
	<i>freeze_meeting:</i>			G: U:	MCC: N, A	
	<i>history (event, available, version,</i>					
	smg-25 28/05/1998	3 . 0 . 0		get it		<i>remarks - general:</i>
						<i>remarks - this release:</i> #25: 3.0.0
TS 22.25U	Quality of Service (QoS) and network performance					
UMTS	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> TIAINEN, Seppo	TeliaSonera AB
	<i>freeze_meeting:</i>			G: U:	MCC: N, A	
	<i>history (event, available, version,</i>					
	smg-25 28/05/1998	3 . 1 . 0		get it		<i>remarks - general:</i>
						<i>remarks - this release:</i> #25: 3.1.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.29U	Handover Requirements between UMTS and GSM or other RadioSystems					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> COOPER, David	Telecom Modus Limited		
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version,</i>					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.30U	Service requirements on security					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new		
	<i>freeze_meeting:</i>	G: U:	MCC: N, A	One		
	<i>history (event, available, version,</i>					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.35U	Service requirements on numbering, addressing and identities					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new		
	<i>freeze_meeting:</i>	G: U:	MCC: N, A	One		
	<i>history (event, available, version,</i>					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.40U	Charging, billing and accounting principles					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new		
	<i>freeze_meeting:</i>	G: U:	MCC: N, A	One		
	<i>history (event, available, version,</i>					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.45U	Human Factors,service principles and their application to UMTS					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new		
	<i>freeze_meeting:</i>	G: U:	MCC: N, A	One		
	<i>history (event, available, version,</i>					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.50U	Subscriber and service profile requirements							
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>		G: U:	MCC: N, A				
	<i>history (event, available, version,</i>							
								<i>remarks - general:</i> <i>remarks - this release:</i> .
TS 22.55U	UMTS user identity modules							
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>		G: U:	MCC: N, A				
	<i>history (event, available, version,</i>							
								<i>remarks - general:</i> <i>remarks - this release:</i> .
TS 22.60U	Mobile multimedia services including mobile Intranet and Internet services							
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AHNBERG, Tomas				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>		G: U:	MCC: N, A				
	<i>history (event, available, version,</i>							
	smg-25 28/05/1998 3 . 0 . 0		get it					<i>remarks - general:</i> <i>remarks - this release:</i> #25: 3.0.0
TS 22.70U	Virtual Home Environment							
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited				
	<i>freeze_meeting:</i>		G: U:	MCC: N, A				
	<i>history (event, available, version,</i>							
	smg-25 28/05/2001 3 . 0 . 0		get it					<i>remarks - general:</i> <i>remarks - this release:</i> #25: 3.0.0
TS 22.71U	Service aspects; Automatic Establishment of Roaming Relationships							
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>				
	<i>freeze_meeting:</i>		G: U:	MCC: N, A				
	<i>history (event, available, version,</i>							
	smg-25 3 . 0 . 0							<i>remarks - general:</i>
	smg-27 17/10/1998 3 . 0 . 1		get it					<i>remarks - this release:</i> #25: 3.0.0 #27: 3.0.1

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.72U	Real Time Multimedia in UMTS					
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> U:	<i>MCC:</i> N, A	
	<i>history (event, available, version,</i>					
	smg-25	2 . 0 . 0			<i>remarks - general:</i>	
	smg-27 17/10/1998	3 . 0 . 0		get it	<i>remarks - this release:</i> .	
<hr/>						
TS 22.75U	Service aspects; Advanced addressing					
UMTS	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> KLEIER, Stephan	Vodafone D2 GmbH
	<i>freeze_meeting:</i>			<i>G:</i> U:	<i>MCC:</i> N, A	
	<i>history (event, available, version,</i>					
	smg-25	2 . 0 . 0			<i>remarks - general:</i>	
	smg-27 17/10/1998	3 . 0 . 0		get it	<i>remarks - this release:</i> #25: 2.0.0 #27: 3.0.0	
<hr/>						
TR 22.80U	UMTS Relationship to other Standards					
UMTS	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND
	<i>freeze_meeting:</i>			<i>G:</i> U:	<i>MCC:</i> N, A	
	<i>history (event, available, version,</i>					
	First complete 19/10/1997	1 . 0 . 2		get it	<i>remarks - general:</i>	
	WG approval 07/11/1997	2 . 0 . 0		get it	<i>remarks - this release:</i> #24: 2.0.1	
	Under TB change 20/03/1998	2 . 0 . 1		get it		
	control.					
	Milestone 1 19/12/1997	2 . 0 . 1		get it		

UMTS **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.01U	UMTS Network principles					
UMTS	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OLSSON, Magnus	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>			<i>G:</i> U:	<i>MCC:</i> N, A	
	<i>history (event, available, version,</i>					
	smg-27 24/02/1999	3 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> #27: for info	

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.05U	UMTS Network principles				
UMTS	current version: none	WG (prime / other): - / -	rapporteur: N, A		
	freeze_meeting:	G: U:	MCC: N, A		
	history (event, available, version,				
	smg-27 24/02/1999 3 . 0 . 0				
				remarks - general:	
				remarks - this release: .	
<hr/>					
TS 23.10U	UMTS Access Stratum; Services and Functions				
UMTS	current version: none	WG (prime / other): - / -	rapporteur: LOPEZ-TORRES, Oscar T-MOBILE DEUTSCHLAND		
	freeze_meeting:	G: U:	MCC: N, A		
	history (event, available, version,				
	smg-27 24/02/1999 3 . 0 . 0				
		get it		remarks - general:	
				remarks - this release: #27: for info	
<hr/>					
TS 23.20U	Evolution of the GSM platform towards UMTS				
UMTS	current version: none	WG (prime / other): S2 / -	rapporteur: JARVIS, Andre 3		
	freeze_meeting:	G: U:	MCC: YOON, Sang-Ui		
	history (event, available, version,				
	smg-27 1 . 0 . 0				
				remarks - general:	
				remarks - this release: #27: for info	
<hr/>					
TS 23.40U	UMTS Network Aspects; Relationship with UPT				
UMTS	current version: none	WG (prime / other): - /	rapporteur: N, A		Indicate persons who left Company and wait for new One
	freeze_meeting:	G: U:	MCC: N, A		
	history (event, available, version,				
				remarks - general:	
				remarks - this release: .	
<hr/>					
TS 23.50U	UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment				
UMTS	current version: none	WG (prime / other): - /	rapporteur: N, A		Indicate persons who left Company and wait for new One
	freeze_meeting:	G: U:	MCC: N, A		
	history (event, available, version,				
				remarks - general:	
				remarks - this release: .	

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Server WITHDRAWN specs UMTS 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.60U	UMTS Network Aspects; UMTS data organization					
UMTS	current version: none freeze_meeting:	WG (prime / other): - /	rapporteur: N, A		Indicate persons who left Company and wait for new One	
	history (event, available, version,	G: U:	MCC: N, A			
				remarks - general: remarks - this release: .		
TS 23.70U	UMTS Network Aspects; UMTS operations and procedures					
UMTS	current version: none freeze_meeting:	WG (prime / other): - /	rapporteur: N, A		Indicate persons who left Company and wait for new One	
	history (event, available, version,	G: U:	MCC: N, A			
				remarks - general: remarks - this release: .		
TS 23.80U	UMTS Network Aspects; Signalling requirements for UMTS					
UMTS	current version: none freeze_meeting:	WG (prime / other): - /	rapporteur: N, A		Indicate persons who left Company and wait for new One	
	history (event, available, version,	G: U:	MCC: N, A			
				remarks - general: remarks - this release: .		
TS 23.90U	UMTS Network Aspects; Network performance requirements					
UMTS	current version: none freeze_meeting:	WG (prime / other): - /	rapporteur: N, A		Indicate persons who left Company and wait for new One	
	history (event, available, version,	G: U:	MCC: N, A			
				remarks - general: remarks - this release: .		
TS 23.95U	UMTS Network Aspects; Network functions relevant to satellites					
UMTS	current version: none freeze_meeting:	WG (prime / other): - /	rapporteur: N, A		Indicate persons who left Company and wait for new One	
	history (event, available, version, draft 0 . 0 . 0	G: U:	MCC: N, A			
				remarks - general: remarks - this release: .		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

UMTS 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.05U	UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A		
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

UMTS 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.05U	UMTS Radio Aspects; Multiplexing and multiple access					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A		
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

TS 25.10U	UMTS Radio Aspects; Channel coding					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A		
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.15U UMTS Radio Aspects; Modulation
UMTS *current version: none*
freeze_meeting:

history (event, available, version,

WG (prime / other): - / rapporteur: N, A
G: U: MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

TS 25.20U UMTS Radio Aspects; Transmission and reception
UMTS *current version: none*
freeze_meeting:

history (event, available, version,

WG (prime / other): - / rapporteur: N, A
G: U: yes MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

UMTS **26** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.15U Source coding aspects Aspects; Integration of audio visual coding into UMTS
UMTS *current version: none*
freeze_meeting:

history (event, available, version,

WG (prime / other): - / rapporteur: N, A
G: U: MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

UMTS **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TR 27.00U Principles for handling of data services in the UMTS

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
First complete 01/05/1996 1 . 2 . 1

WG (prime / other): S5 / - *rapporteur:* GABE, Axel SIEMENS AG
G: *U:* *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*
remarks - this release: .

UMTS 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.00U SMG - UMTS Work programme

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
smg-21 3 . 0 . 0
smg-22 3 . 1 . 0
smg-23 3 . 2 . 0
smg-24 3 . 3 . 0
smg-25 3 . 4 . 0
smg-26 07/07/1998 3 . 5 . 0
smg-27 3 . 6 . 1

WG (prime / other): - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.
G: *U:* *MCC:* N, A

remarks - general:
remarks - this release: #21: 3.0.0 #22: 3.1.0 #23: 3.2.0 #24: 3.3.0 #25: 3.4.0 #26: 3.5.0 #27: 3.6.1

[get it](#)

TR 30.01U UMTS Baseline document: Collection of the SMG's positions on the UMTS

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
smg-22 3 . 0 . 0
smg-23 3 . 1 . 0
smg-24 3 . 2 . 0
smg-25 07/07/1998 3 . 3 . 0
smg-26 3 . 4 . 0
post smg-27 08/08/2002 3 . 5 . 1

WG (prime / other): - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.
G: *U:* *MCC:* N, A

remarks - general:
remarks - this release: #22: 3.0.0 #23: 3.1.0 #24: 3.2.0 #25: 3.3.0 #26: 3.4.0 #27: 3.5.1

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.02U Experience from GSM standardisation to be applied at UMTS standardisation

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:*
freeze_meeting: G: U: MCC: N, A
history (event, available, version,
remarks - general:
remarks - this release: .

TR 30.04U Definition of the limited number of UTRA concepts

UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: U: MCC: Peter Skov
history (event, available, version, USAI, Paolino
First complete 01/06/1997 1 . 0 . 0 [get it](#) *remarks - general:*
smg-22 14/06/1997 3 . 0 . 0 [get it](#) *remarks - this release: #22: 3.0.0*
ETSI publication 03/11/1998 3 . 0 . 1 [get it](#)

TR 30.05U UMTS terminology

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:*
freeze_meeting: G: U: MCC: N, A
history (event, available, version,
remarks - general:
remarks - this release: .

TR 30.20U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: MCC: N, A
history (event, available, version,
Creation of WI by 13/06/1997 2 . 0 . 0 [get it](#) *remarks - general:*
WG/TB [get it](#) *remarks - this release: #24: 3.1.0*
TB approval 30/08/1997 3 . 0 . 0 [get it](#)
smg-24 19/12/1997 3 . 1 . 0 [get it](#)

UMTS **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.50U Essential requirements for UMTS Mobile Stations (ME) operating within frequency bands 1885-1980, 2010-2025 and 2110-2200 MHz
UMTS *current version:* none *WG (prime / other):* / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: One
G: *U:* yes *MCC:*
history (event, available, version, draft) 0 . 0 . 0 *remarks - general:*
remarks - this release: .

TS 31.60U Essential requirements for UMTS Mobile Earth Stations (MES) operating within frequency bands 1980- 2010 and 2170-2200 MHz
UMTS *current version:* none *WG (prime / other):* / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: One
G: *U:* yes *MCC:*
history (event, available, version, draft) 0 . 0 . 0 *remarks - general:*
remarks - this release: .

UMTS **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TR 32.01U Overall principles of the OAM for the UMTS
UMTS *current version:* none *WG (prime / other):* SMG / - *rapporteur:* SZELAZEK, Bill 3
freeze_meeting: *G:* *U:* yes *MCC:* SULTAN, Alain
history (event, available, version, smg-22) 1 . 0 . 0 *remarks - general:*
remarks - this release: No progress since SMG#22.

UMTS **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.20U Security principles for the UMTS

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
smg-19 13/06/1997 3 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: *U:* *MCC:* N, A

[get it](#) *remarks - general:*
remarks - this release: #19: 3.0.0

TS 33.21U Security requirements

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
draft 16/07/1998 0 . 1 . 0
draft 22/07/1998 0 . 1 . 1
draft 31/07/1998 0 . 1 . 2
smg-27 31/07/1998 1 . 0 . 0
draft 05/10/1998 1 . 0 . 1
draft 19/10/1998 1 . 0 . 2
draft 31/10/1998 1 . 0 . 3
draft 20/11/1998 1 . 0 . 4
draft 27/02/1999 1 . 1 . 0
smg-28 27/02/1999 2 . 0 . 0
smg-28 3 . 0 . 0
smg-27 21/02/1999 3 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: *U:* *MCC:* N, A

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #27: for info
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
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[get it](#)
[get it](#)

UMTS 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.01U Application integration and application programming interfaces

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
draft 0 . 0 . 0

WG (prime / other): SP / *rapporteur:* N, A
G: *U:* yes *MCC:* POPE, Maurice

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

UMTS 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.10U UMTS Terminal aspects; Man Machine Interface (MMI)
UMTS current version: none
freeze_meeting: history (event, available, version, draft) 0 . 0 . 0

WG (prime / other): SP /
G: U: yes

rapporteur: N, A
MCC: POPE, Maurice

Indicate persons who left Company and wait for new One

remarks - general:
remarks - this release: .

R98

R98 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG
R98 current version: none
freeze_meeting: smg-29
history (event, available, version, smg-27 16/10/1998 0 . 1 . 0
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 0
smg-30 11/11/1999 7 . 2 . 0

WG (prime / other): SP / -
G: yes U:

rapporteur: BERGMANN, Ansgar
MCC: POPE, Maurice

Deutsche Telekom AG

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)

SP-15: withdrawn since SMG and PT-SMG no longer exist.

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R98 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.38 SIM application toolkit (SAT); Stage 1

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,

WG (prime / other): S1 / SCP *rapporteur:* CARPENTER, Paul
G: yes U: *MCC:* CLAYTON, Michael

Research In Motion Limited

remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

R98 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,
TP-09 withdrawn 04/10/2000 7 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian
G: yes U: *MCC:* RODERMUND, Friedhelm

Research In Motion Limited

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: need identified 2000-03-29 TSG#9:withdrawn cos contains misleading information/references

R98 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.33 Lawful interception; Stage 3

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,

WG (prime / other): - / *rapporteur:* VAN DER AREND,
G: yes U: *MCC:* N, A

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.53 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

R98 *current version:* none *WG (prime / other):* - / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 *G:* yes *U:* *MCC:* N, A

history (event, available, version,
draft 14/03/1997 0 . 0 . 0 [get it](#) *remarks - general:* replaced by 08.62
draft 16/02/1998 1 . 0 . 0 [get it](#) *remarks - this release:* #25: 1.0.0 for info #27: 1.6.0 for info
draft 27/03/1998 1 . 1 . 0 [get it](#)
draft 13/07/1998 1 . 2 . 1 [get it](#)
draft 31/07/1998 1 . 3 . 0 [get it](#)
draft 17/09/1998 1 . 3 . 5 [get it](#)
draft 18/09/1998 1 . 4 . 0 [get it](#)
draft 28/09/1998 1 . 5 . 0 [get it](#)
draft 05/10/1998 1 . 6 . 0 [get it](#)

R98 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)

R98 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-29 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-26 26/06/1998 7 . 0 . 0 withdrawn SP-09 [get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: TSG#9:withdrawn cos contains misleading information/references

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R98 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.71 Project scheduling and open issues:Location services (LCS)

R98 *current version:* none
freeze_meeting: smg-29

WG (prime / other): S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version,

Maui	17/01/1999	0	.	0	.	0
Maui	20/01/1999	0	.	0	.	1
Chicago	31/01/1999	0	.	0	.	2
Chicago	04/02/1999	1	.	0	.	0
Cambridge	10/06/1999	2	.	0	.	0
Dallas	09/07/1999	2	.	0	.	1
San Diego	21/07/1999	2	.	0	.	2
Dallas	03/09/1999	2	.	0	.	3
King of Prussia	14/09/1999	2	.	0	.	4
Phoenix & Clearwater	30/10/1999	2	.	0	.	5
Raleigh	03/11/1999	2	.	0	.	6
smg-30	11/11/1999	2	.	0	.	6
Phoenix	29/11/1999	2	.	0	.	7
smg-30b	06/12/1999	2	.	0	.	7
Colorado Spring	03/01/2000	2	.	0	.	8
Dallas	05/01/2000	2	.	0	.	9
smg-31	24/01/2001	2	.	1	.	0
Puerto Vallarta	26/01/2000	3	.	0	.	0
smg-29	25/06/1999	7	.	0	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #29: 7.0.0 #30: 2.0.6! #30b: 2.0.7 #31:2.1.0. 2001-01-24 Clayton: withdrawn.

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R98 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.78 Project scheduling and open issues: CAMEL

R98 *current version:* none *freeze_meeting:* smg-29 *WG (prime / other):* S2 / - *rapporteur:* APRATH, Stefan *Server:* Vodafone D2 GmbH
G: yes *U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
draft 08/02/1997 0 . 0 . 0 [get it](#) *remarks - general:*
draft 24/03/1997 0 . 1 . 0 [get it](#) *remarks - this release:* July 2002: abandoned
draft 27/03/1997 0 . 1 . 1 [get it](#)
draft 09/04/1997 0 . 1 . 2 [get it](#)
draft 07/05/1997 0 . 2 . 0 [get it](#)
smg-22 10/06/1997 1 . 0 . 0 [get it](#)
draft 19/06/1997 1 . 1 . 0 [get it](#)
draft 09/07/1997 1 . 2 . 0 [get it](#)
draft 10/09/1997 1 . 3 . 0 [get it](#)
smg-23 10/10/1997 1 . 3 . 2 [get it](#)
draft 22/10/1997 1 . 4 . 0 [get it](#)
draft 02/12/1997 1 . 5 . 0 [get it](#)
draft 04/06/1998 1 . 6 . 0 [get it](#)
smg-25 10/03/1998 1 . 6 . 0 abandoned [get it](#)

TR 10.87 User to User Signalling (UUS)

R98 *current version:* none *freeze_meeting:* smg-29 *WG (prime / other):* S2 / GP *rapporteur:* CONRAD, Alan *Server:* T-MOBILE DEUTSCHLAND
G: yes *U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
remarks - general:
remarks - this release: No draft ever produced.

TR 10.94 Follow Me supplementary service

R98 *current version:* none *freeze_meeting:* smg-29 *WG (prime / other):* SP / - *rapporteur:* POSTMANN, Erwin *Server:* SIEMENS AG
G: yes *U:* *MCC:* POPE, Maurice
history (event, available, version,
remarks - general:
remarks - this release: No draft ever produced.

R98 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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Server WITHDRAWN specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
R98	<i>current version:</i> none <i>freeze_meeting:</i> smg-29
	<i>WG (prime / other):</i> G3ne / S1 / NP / T2 / SCP
	<i>rapporteur:</i> SALMERON, Lidia TELEPLUS LIMITED
	<i>G:</i> yes <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).

TS 11.10-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)
R98	<i>current version:</i> none <i>freeze_meeting:</i> smg-29
	<i>WG (prime / other):</i> G3ne / S1 / NP / T2 / SCP
	<i>rapporteur:</i> SALMERON, Lidia TELEPLUS LIMITED
	<i>G:</i> yes <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).

TS 11.10-4	Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification
R98	<i>current version:</i> none <i>freeze_meeting:</i> smg-29
	<i>WG (prime / other):</i> T3 / G2, G3ne w
	<i>rapporteur:</i> SALMERON, Lidia TELEPLUS LIMITED
	<i>G:</i> yes <i>U:</i> <i>MCC:</i> DIETZE, Claus
<i>history (event, available, version,</i>	<i>remarks - general:</i> TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version). version not

derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).

R97

R97 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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Server WITHDRAWN specs R97 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00	Working Procedures for SMG and PT SMG				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> SP / - G: yes U:	<i>rapporteur:</i> BERGMANN, Ansgar <i>MCC:</i> POPE, Maurice	Deutsche Telekom AG	
			<i>remarks - general:</i> <i>remarks - this release:</i> No spec this Release.		
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / - G: yes U:	<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice	Indicate persons who left Company and wait for new One	
			<i>remarks - general:</i> <i>remarks - this release:</i> No spec this version.		

R97 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / G: yes U:	<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice	Indicate persons who left Company and wait for new One	
			<i>remarks - general:</i> <i>remarks - this release:</i> No spec this Release		
TS 02.33	Lawful Interception (LI); Stage 1				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / G: yes U:	<i>rapporteur:</i> MCKIBBEN, Bernie <i>MCC:</i> POPE, Maurice	MOTOROLA GmbH	
			<i>remarks - general:</i> <i>remarks - this release:</i> (No spec this Release)		

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Server WITHDRAWN specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.38 SIM application toolkit (SAT); Stage 1

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): S1 / SCP *rapporteur:* CARPENTER, Paul
G: yes U: MCC: CLAYTON, Michael

Research In Motion Limited

remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

R97 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): N4 / SPA *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
N/
T2

G: yes U: MCC: KYMALAINEN, Kimmo

smg-27 16/10/1998 6 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0 (To be withdrawn)

TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes U: MCC: RODERMUND, Friedhelm

smg-27 16/10/1998 6 . 0 . 0

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: #27: 6.0.0TSG#9:withdrawn cos contains misleading information/references

TS 03.61 General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): - / - *rapporteur:* NAPER, Hans Petter MOTOROLA GmbH
G: yes U: MCC: N, A

draft 20/03/1998 0 . 7 . 1

[get it](#) *remarks - general:* Withdrawn since details included in the stage 3 spec.
remarks - this release: .

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Server WITHDRAWN specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.62 General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 2
R97 *current version: none* *WG (prime / other): - / -* *rapporteur: BAUMANN, Jürgen* T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC: N, A*
history (event, available, version,
remarks - general:
remarks - this release: .

R97 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.61 General Packet Radio Service (GPRS); Point-to-multipoint multicast; Stage 3
R97 *current version: none* *WG (prime / other): - /* *rapporteur: LESKE, John* SCANDEW PTY Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC: N, A*
history (event, available, version,
remarks - general:
remarks - this release: .

TS 04.62 General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3
R97 *current version: none* *WG (prime / other): - /* *rapporteur: LESKE, John* SCANDEW PTY Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC: N, A*
history (event, available, version,
Table of Contents 14/11/1996 0 . 2 . 0
and Scope [get it](#) *remarks - general:*
remarks - this release: .

R97 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.21 DCS 1800; 4 Watt Mobile Power Class - study
R97 *current version: none* *WG (prime / other): - /* *rapporteur: TWINGLER, Jonas* Northstream AB
freeze_meeting: smg-26 *G: yes U:* *MCC: N, A*
history (event, available, version,
remarks - general:
remarks - this release: .

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Server WITHDRAWN specs R97 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

R97 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.64 GPRS support node - BSS protocol (SGSN_BSS) interface; BSSGP layer 3
R97 current version: none WG (prime / other): - / rapporteur: LESKE, John SCANDEW PTY Ltd
freeze_meeting: smg-26 G: yes U: MCC: N, A
history (event, available, version, First complete 15/07/1996 1 . 0 . 0 [get it](#) remarks - general:
remarks - this release: .

R97 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)
R97 current version: none WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-26 G: yes U: MCC: JORGENSEN, Per Johan
history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 [get it](#) remarks - general:
remarks - this release: #27: 6.0.0 #32:withdrawn

R97 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.01 GSM features and releases
R97 current version: none WG (prime / other): - / - rapporteur: N, A Indicate persons who left Company and wait for new
freeze_meeting: smg-26 G: yes U: MCC: N, A One
history (event, available, version, draft 23/10/1997 0 . 0 . 2 [get it](#) remarks - general: 2001-11-20: stopped - obviously no interest!
remarks - this release: .

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Server WITHDRAWN specs R97 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.17	General Packet Radio Service (GPRS); Charging in GPRS				
R97	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> HEATON, Graham	Aether Systems Inc.	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 1 . 0 . 0	get it	<i>remarks - general:</i> Scrapped.		
			<i>remarks - this release:</i> #25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)		
<hr/>					
TR 10.20	Lawful Interception requirements for GSM				
R97	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i> Replaced by 01.33.		
			<i>remarks - this release:</i> SMG#27:6.0.0; replaced by 01.33		
<hr/>					
TS 10.60	General Packet Radio Services (GPRS); Project Scheduling and Open Issues				
R97	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i>		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>				
	smg-25 6 . 0 . 0		<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
R97 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series					
<hr/>					
TS 11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification				
R97	<i>current version:</i> none	<i>WG (prime / other):</i> G3ne / S1 /	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>freeze_meeting:</i> smg-26		NP /		
			T2 /		
			SCP		
		G: yes U:	<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).		
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				Server	WITHDRAWN specs R97	11 .- series
TS 11.10-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)					
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G3ne / S1 / NP / T2 / SCP	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED		
<i>history (event, available, version,</i>		G: yes U:	MCC: CLAYTON, Michael			
			<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).			
TS 11.10-4	Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification					
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> T3 / G2, G3ne w	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED		
<i>history (event, available, version,</i>		G: yes U:	MCC: DIETZE, Claus			
GP-13 21/02/2003 6 . 0 . 0		get it	<i>remarks - general:</i> TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version). version not			
derived from R96 by CR; also to withdraw the R96 version, since the			R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).			
TS 11.21	Base Station System (BSS) equipment specification; Radio aspects					
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT,			
<i>history (event, available, version,</i>		G: yes U:	MCC: USAI, Paolino			
GP-09 06/05/2002 6 . 0 . 0	not produced post smg-27; withdrawn	get it	<i>remarks - general:</i>			
GP-12 6 . 1 . 0	CRs unimplementable; spec is		<i>remarks - this release:</i> #27:6.0.0 (Rodermund: not required [Aug-00]). GP-09 (Usai) resurrected. GP-12 (Usai): scrapped again.			
TS 11.56	CTS phase 1, CTS Fixed Part Tests					
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MATTISSON, Leif	Telefon AB LM Ericsson		
<i>history (event, available, version,</i>		G: yes U:	MCC: N, A			
			<i>remarks - general:</i> <i>remarks - this release:</i> .			

R97

12 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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Server WITHDRAWN specs R97 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management
R97 *current version: none*
freeze_meeting: smg-26

WG (prime / other): S5 / S1 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd

G: yes U: *MCC:* ZOICAS, Adrian

history (event, available, version,

remarks - general:
remarks - this release: No spec.

TS 12.04 Performance data measurements
R97 *current version: none*
freeze_meeting: smg-26

WG (prime / other): S5 / S1 / NP *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)

G: yes U: *MCC:* ZOICAS, Adrian

history (event, available, version,

remarks - general:
remarks - this release: No spec

R96

R96 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG
R96 *current version: none*
freeze_meeting: smg-22

WG (prime / other): SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
G: yes U: *MCC:* POPE, Maurice

history (event, available, version,

smg-17 02/02/1996 5 . 0 . 0

smg-19 28/06/1996 5 . 1 . 0

smg-25 20/03/1998 5 . 2 . 0

SP-15: withdrawn since SMG and PT-SMG no longer exist.

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

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Server WITHDRAWN specs R96 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i> smg-23 17/10/1997 5 . 0 . 0 withdrawn, smg-25	G: yes U:	<i>MCC:</i> POPE, Maurice			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #25: withdrawn			
<hr/>						
TR 01.50	Radio Local Loop (RLL) using GSM					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> SMG /	<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd	
	<i>history (event, available, version,</i> draft 07/11/1995 1 . 0 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TR 01.51	Dual mode of operation and roaming					
R96	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> SMG / -	<i>rapporteur:</i> VACANT,			
	<i>history (event, available, version,</i> smg-23	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
			<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc	
	<i>history (event, available, version,</i> smg-23 5 . 0 . 0 SMG-25 withdrawn	G: yes U:	<i>MCC:</i> POPE, Maurice			
			<i>remarks - general:</i> <i>remarks - this release:</i> #25: withdrawn			
<hr/>						
TS 01.78	Customized Applications for Mobile networks using Enhanced Logic (CAMEL); Stage 0					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>			
	<i>history (event, available, version,</i>	G: yes U:	<i>MCC:</i> N, A			
			<i>remarks - general:</i> <i>remarks - this release:</i> .			

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Server WITHDRAWN specs R96 02 .- series
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R96 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.18	Interworking with non-GSM applications on the SIM to be accessed via the GSM network				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: SCHMIDT, Günter MCC: N, A	DETEMOBIL GMBH	remarks - general: remarks - this release: .
TS 02.25	GSM - DCS roaming: Requirements and Stage 1 descriptions				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: LE ROUX, Alain MCC: N, A	France Telecom	remarks - general: remarks - this release: .
TS 02.26	Operation of multi-band GSM/DCS 1800 network by a single operator				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: LJUNGGREN, Tommy MCC: N, A	Northstream AB	remarks - general: remarks - this release: .
TS 02.27	DECT access to GSM networks				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: CONRAD, Alan MCC: N, A	T-MOBILE DEUTSCHLAND	remarks - general: remarks - this release: .
TS 02.28	UPT phase 1				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: KOSYDAR, L MCC: N, A	Indicate persons who left Company and wait for new One	remarks - general: remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 02.29	Inter operation with UPT phase 2					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i>		
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	N, A	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	POPE, Maurice	
	<i>history (event, available, version,</i>					
	draft 13/05/1997 1 . 0 . 0		get it	<i>remarks - general:</i>		
	draft 01/10/1997 2 . 0 . 0		get it	<i>remarks - this release:</i> #26: withdrawn		
	smg-23 17/10/1997 5 . 0 . 0 withdrawn		get it			
<hr/>						
TS 02.33	Lawful Interception (LI); Stage 1					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie		MOTOROLA GmbH
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	POPE, Maurice	
	<i>history (event, available, version,</i>					
	smg-19 1 . 0 . 0			<i>remarks - general:</i>		
	smg-20 2 . 0 . 0			<i>remarks - this release:</i>		
	smg-20 11/10/1996 5 . 0 . 0 withdrawn SMG-25		get it			
<hr/>						
TS 02.35	Universal access to freephone numbers; Stage 1					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> COX, Alan		VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	N, A	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 02.36	Premium rate services; Stage 1					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i>		
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	N, A	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 02.37	ISDN based DECT/GSM Interworking				
R96	current version: none freeze_meeting: smg-22 history (event, available, version, smg-29	WG (prime / other): - / G: yes U:	rapporteur: BERGMANN, Ansgar MCC: N, A	Deutsche Telekom AG	remarks - general: remarks - this release: .
TS 02.38	SIM application toolkit (SAT); Stage 1				
R96	current version: none freeze_meeting: smg-22 history (event, available, version, smg-29	WG (prime / other): S1 / SCP G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael	Research In Motion Limited	remarks - general: Moved from T3 Jan-00. remarks - this release:
TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1				
R96	current version: none freeze_meeting: smg-22 history (event, available, version, smg-23 smg-24	WG (prime / other): S4 / G: yes U:	rapporteur: NAVARRO, William MCC: USAI, Paolino	NORTEL NETWORKS (EUROPE)	remarks - general: SMG11->S4 at SMG#30 remarks - this release:
TS 02.60	General Packet Radio Service Stage 1 Description				
R96	current version: none freeze_meeting: smg-22 history (event, available, version, smg-21 14/02/1997 smg-23 17/10/1997 smg-24 19/12/1997	WG (prime / other): S1 / - G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael	Research In Motion Limited	remarks - general: remarks - this release: #21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: withdrawn
TS 02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1				
R96	current version: none freeze_meeting: smg-22 history (event, available, version, smg-24 19/12/1997	WG (prime / other): S1 / - G: yes U:	rapporteur: VACANT, MCC: CLAYTON, Michael		remarks - general: remarks - this release: #24: 5.0.0 @25: withdrawn

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TS 02.72	Call Deflection Service description; Stage 1				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> HABERMANN, Steffen <i>MCC:</i> CLAYTON, Michael	T-MOBILE DEUTSCHLAND	
<i>history (event, available, version,</i> smg-19 28/06/1996 5 . 0 . 0					
get it <i>remarks - general:</i> <i>remarks - this release:</i> #19: 5.0.0 #25: withdrawn					
<hr/>					
TS 02.73	Malicious Call Identification (MCID); Stage 1				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - / <i>G: yes U:</i>	<i>rapporteur:</i> SHARP, Iain <i>MCC:</i> N, A	NORTEL NETWORKS (EUROPE)	
<i>history (event, available, version,</i>					
<i>remarks - general:</i> <i>remarks - this release:</i> .					
<hr/>					
TS 02.77	Emergency call TS12 with additional data transfer				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - / <i>G: yes U:</i>	<i>rapporteur:</i> CONRAD, Alan <i>MCC:</i> N, A	T-MOBILE DEUTSCHLAND	
<i>history (event, available, version,</i>					
<i>remarks - general:</i> <i>remarks - this release:</i> .					
<hr/>					
TS 02.87	User-to-User Signalling (UUS) Service Description; Stage 1				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> CONRAD, Alan <i>MCC:</i> CLAYTON, Michael	T-MOBILE DEUTSCHLAND	
<i>history (event, available, version,</i> smg-18 12/04/1996 5 . 0 . 0 smg-20 11/10/1996 5 . 1 . 0 smg-21 14/02/1997 5 . 2 . 0 edito 19/01/1996 5 . 2 . 1 smg-23 17/10/1997 5 . 3 . 0					
get it <i>remarks - general:</i> get it <i>remarks - this release:</i> #18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #23: 5.3.0 #25: withdrawn get it get it					
<hr/>					
TS 02.92	Call Forward Enhancements (CFE) - Stage 1 description				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - / <i>G: yes U:</i>	<i>rapporteur:</i> RENAUD, Nicolas <i>MCC:</i> N, A	Indicate persons who left Company and wait for new One	
<i>history (event, available, version,</i>					
<i>remarks - general:</i> <i>remarks - this release:</i> .					

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-16	5 . 0 . 0			<i>remarks - general:</i>	
	smg-19	5 . 1 . 0			<i>remarks - this release:</i> #16: 5.0.0 #19: 5.1.0 #20: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0 #25: withdrawn	
	smg-20	5 . 2 . 0				
	smg-22	5 . 3 . 0				
	smg-23	5 . 4 . 0				
	smg-24	5 . 5 . 0				
<hr/>						
TS 02.96	Name Identification Supplementary Services; Stage 1					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-24	5 . 0 . 0			<i>remarks - general:</i>	
					<i>remarks - this release:</i> #24: 5.0.0 #25: withdrawn	
<hr/>						
TS 02.97	Multiple Subscriber Profile (MSP) Service description, Stage 1					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-19 28/06/1996	5 . 0 . 0	get it		<i>remarks - general:</i>	
	smg-22 13/06/1997	5 . 1 . 0	get it		<i>remarks - this release:</i> #19: 5.0.0 #22: 5.1.0 #23: 5.2.0 #25: withdrawn	
	ETSI publication 15/09/1997	5 . 1 . 1	get it			
	smg-23 17/10/1997	5 . 2 . 0	get it			
<hr/>						
TS 02.98	New barring services; Stage 1					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> SCHMIDT, Günter	DETEMOBIL GMBH		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

G = required in systems with GERAN access; U = required in systems with UMTS

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TS 02.99 Direct Subscriber Access and Restriction (DSAR); Stage1

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:* CHAPMAN, Neil
G: yes U: MCC: N, A

ORANGE PCS LTD

remarks - general:
remarks - this release: .

R96 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

R96 *current version:* none
freeze_meeting: smg-22

WG (prime / other): N4 / SPA *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
N/
T2

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0 (To be withdrawn)

TS 03.17 Technical realization of Exchange of Network Capabilities Information (ENCI); Stage 2

R96 *current version:* none
freeze_meeting: smg-22

WG (prime / other): - / *rapporteur:* APRATH, Stefan Vodafone D2 GmbH
G: yes U: MCC: N, A

history (event, available, version,
Table of Contents 01/09/1996 0 . 4 . 0
and Scope

[get it](#) *remarks - general:*
remarks - this release: .

TS 03.36 Premium rate services - stage 2

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:*
G: yes U: MCC: N, A

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	TP-09 (Withdrawn) 28/09/2000 5 . 0 . 0	get it	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references		
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0TSG#9:withdrawn cos contains misleading information/references		
<hr/>					
TS 03.60	General Packet Radio Service (GPRS) Service description; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ZHAO, Yilin	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>				
	smg-23 5 . 0 . 0		<i>remarks - general:</i>		
	smg-24 5 . 1 . 0		<i>remarks - this release:</i> .		
	smg-25 5 . 2 . 0				
	5 . 3 . 0 withdrawn, SMG-25				
<hr/>					
TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-23 5 . 1 . 0		<i>remarks - general:</i>		
	smg-24 5 . 2 . 0		<i>remarks - this release:</i> .		
	withdrawn SMG-25				
<hr/>					
TS 03.94	Follow Me Service description; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 03.95	Support of Private Numbering Plan (SPNP); Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> Scrapped Jan 98.		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 03.98 New barring services; Stage 2 description

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:* VAN DER AREND,
G: yes U: *MCC:* N, A

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

TS 03.99 Direct Subscriber Access and Restriction (DSAR); Stage 2

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:* VAN DER AREND,
G: yes U: *MCC:* N, A

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

R96 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.36 Premium rate services - stage 3

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:*
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,
smg-23 17/10/1997 5 . 0 . 0
smg-24 19/12/1997 5 . 1 . 0

WG (prime / other): N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #25: withdrawn

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 04 .- series
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TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>history (event, available, version,</i> smg-23 17/10/1997 5 . 0 . 0 smg-24 19/12/1997 5 . 1 . 0	G: yes U:	MCC: JORGENSEN, Per Johan		
		get it	<i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.		
		get it	<i>remarks - this release:</i> #25:withdrawn		
<hr/>					
TS 04.70	Payphone services - stage 3				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>history (event, available, version,</i>	G: yes U:	MCC: N, A		
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 04.73	Malicious Call Identification (MCID); Stage 3				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> VAN DER AREND,	Koninklijke KPN N.V.	
	<i>history (event, available, version,</i>	G: yes U:	MCC: N, A		
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 04.78	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 3				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> VAN DER AREND,	Koninklijke KPN N.V.	
	<i>history (event, available, version,</i>	G: yes U:	MCC: N, A		
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 04.79	Support of optimal routing; Stage 3				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> VAN DER AREND,	Koninklijke KPN N.V.	
	<i>history (event, available, version,</i>	G: yes U:	MCC: N, A		
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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Server WITHDRAWN specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.98 New barring services; Stage 3

R96 *current version:* none
freeze_meeting: smg-22

WG (prime / other): - / *rapporteur:* VAN DER AREND,
G: yes U: MCC: N, A

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

history (event, available, version,

TS 04.99 Direct subscriber access and restriction; Stage 3

R96 *current version:* none
freeze_meeting: smg-22

WG (prime / other): - / *rapporteur:* VAN DER AREND,
G: yes U: MCC: N, A

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

history (event, available, version,

R96 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.00 Service to GSM handportables in trains

R96 *current version:* none
freeze_meeting: smg-22

WG (prime / other): - / *rapporteur:* VOSKAR, Paul
G: yes U: MCC: N, A

NOKIA UK Ltd

remarks - general:
remarks - this release: .

history (event, available, version,

TS 05.18 Hands free mobile station

R96 *current version:* none
freeze_meeting: smg-22

WG (prime / other): - / *rapporteur:* ANDERSEN, Niels
G: yes U: MCC: Peter Skov
N, A

MOTOROLA A/S

remarks - general:
remarks - this release: .

history (event, available, version,

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Server WITHDRAWN specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.19 Service to GSM handportables in trains
R96 *current version: none*
freeze_meeting: smg-22

history (event, available, version,

WG (prime / other): - / *rapporteur: WILTSHIRE, Timothy* Indicate persons who left Company and wait for new
G: yes U: *MCC: N, A* One

remarks - general:
remarks - this release: .

TR 05.20 Fast moving Mobile Station (study)
R96 *current version: none*
freeze_meeting: smg-22

history (event, available, version,

WG (prime / other): - / *rapporteur: REINER, Michaël* Eads Telecom Deutschland GmbH
G: yes U: *MCC: N, A*

remarks - general:
remarks - this release: .

TS 05.30 General packet radio service requirements
R96 *current version: none*
freeze_meeting: smg-22

history (event, available, version,

WG (prime / other): - / *rapporteur: CONRAD, Alan* T-MOBILE DEUTSCHLAND
G: yes U: *MCC: N, A*

remarks - general:
remarks - this release: .

R96 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.57 Mobile Station Application Execution Environment (MExE); Stage 3
R96 *current version: none*
freeze_meeting: smg-22

history (event, available, version,

WG (prime / other): - / *rapporteur: CANDISH, John* Xtempus Ltd
G: yes U: *MCC: N, A*

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

R96 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1
R96 current version: none WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: MCC: THOMASEN, Gert
history (event, available, version, smg-24 5 . 0 . 0 smg-26: withdrawn remarks - general:
remarks - this release: .

TS 08.16 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service
R96 current version: none WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: MCC: THOMASEN, Gert
history (event, available, version, smg-24 19/12/1997 5 . 0 . 0 SMG-25: withdrawn [get it](#) remarks - general:
remarks - this release: .

R96 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.12 Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling
R96 current version: none WG (prime / other): SPA / N4 rapporteur: HÄNDIG, Peter Telia Mobile AB
freeze_meeting: smg-22 G: yes U: MCC:
history (event, available, version, draft (ETSI TC 10/11/1997 5 . 2 . 1 [get it](#) remarks - general: EN 300 646
SPS) remarks - this release: .
draft (ETSI TC 18/05/1999 5 . 3 . 0 [get it](#)
SPS1 approval 21/05/1999 5 . 3 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.20 Support of Shared Data Interworking Function

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:*
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,
smg-24 19/12/1997 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #24: 5.0.0 #25: withdrawn

R96 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.20 Lawful Interception requirements for GSM

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
ETSI publication 20/01/1997 5 . 0 . 1

WG (prime / other): S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:* Replaced by 01.33.
[get it](#) *remarks - this release:* SMG#20:5.0.0

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R96 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues

R96 *current version:* none *WG (prime / other):* S2 / - *rapporteur:*
freeze_meeting: smg-22 G: yes U: MCC: YOON, Sang-Ui

history (event, available, version,
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:*
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #25: (5.x.y withdrawn)
smg-24 08/10/1997 5 . 2 . 0 [get it](#)
draft 28/10/1997 5 . 2 . 1 [get it](#)
draft 10/12/1998 5 . 3 . 0 [get it](#)
smg-24 20/12/1997 5 . 3 . 1 [get it](#)
draft 05/02/1998 5 . 3 . 2 [get it](#)
draft 12/02/1998 5 . 3 . 3 [get it](#)
draft 15/02/1998 5 . 3 . 4 [get it](#)
draft 15/03/1998 5 . 3 . 5 [get it](#)
draft 05/03/1998 5 . 4 . 0 [get it](#)
smg-25 15/03/1998 5 . 4 . 1 [get it](#)
draft 06/04/1998 5 . 4 . 2 [get it](#)

TR 10.66 Support of Mobile Number Portability (MNP); Project plan

R96 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* TARAZI, Roger EDP Telecom
freeze_meeting: smg-22 G: yes U: MCC: CLAYTON, Michael

history (event, available, version,
smg-21 5 . 0 . 0 *remarks - general:*
remarks - this release: .

TR 10.68 Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)

R96 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.
freeze_meeting: smg-22 G: yes U: MCC: YOON, Sang-Ui

history (event, available, version,
smg-21 5 . 0 . 0 abandoned *remarks - general:*
remarks - this release: May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.

R96 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management
R96 *current version: none*
freeze_meeting: smg-22

WG (prime / other): S5 / S1 /
NP

rapporteur: TRUSS, Michael

MOTOROLA Ltd

G: yes U: *MCC:* ZOICAS, Adrian

history (event, available, version,

remarks - general:

remarks - this release: No spec.

TS 12.04 Performance data measurements
R96 *current version: none*
freeze_meeting: smg-22

WG (prime / other): S5 / S1 /
NP

rapporteur: TOCHE, Christian

NORTEL NETWORKS (EUROPE)

G: yes U: *MCC:* ZOICAS, Adrian

history (event, available, version,

remarks - general:

remarks - this release: No spec

Ph2

Ph2

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.05 Definitions
Ph2 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): SP / -

rapporteur: VACANT,

G: yes U: *MCC:* POPE, Maurice

remarks - general:

remarks - this release: n.a.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph2 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.06 Service implementation phases and possible further phases in the GSM PLMN

Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB
freeze_meeting: G: yes U: MCC: N, A
history (event, available, version,
remarks - general:
remarks - this release: .

TS 01.07 Updating procedure for GSM Recommendations

Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB
freeze_meeting: G: yes U: MCC: N, A
history (event, available, version,
remarks - general:
remarks - this release: .

Ph2 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.08 Quality of Service (QoS) / GSM system performance

Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB
freeze_meeting: G: yes U: MCC: N, A
history (event, available, version,
draft 21/08/1995 0 . 1 . 0 [get it](#) *remarks - general:*
draft 01/06/1994 4 . 0 . 0 [get it](#) *remarks - this release: #16: withdrawn*

Ph2 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

Ph2 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: G: yes U: MCC: RODERMUND, Friedhelm
history (event, available, version,
smg-16 20/10/1995 4 . 0 . 0 [get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: #16: 4.0.0 TSG#9:withdrawn cos contains misleading information/references

G = required in systems with GERAN access; 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

Ph2 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.06 Use of the V Series Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface at the Mobile Station (MS) for Mobile Termination (MT) configuration
Ph2 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
ETSI publication 13/09/1994 4 . 1 . 2 [get it](#) *remarks - general:*
ETSI OAP 06/03/1995 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #13: 4.2.0 #15: withdrawn
ETSI publication 01/08/1995 4 . 2 . 1 [get it](#)

Ph2 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.59 BSC-BTS O&M Signalling Transport
Ph2 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
remarks - general:
remarks - this release:

Ph2 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.92 GSM Phase 1 Mobile Station interworking with Phase 2 Networks
Ph2 *current version:* none *WG (prime / other):* - / *rapporteur:* TWINGLER, Jonas Northstream AB
freeze_meeting: *G: yes U:* *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Ph2 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

Ph2 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Ph2 *current version:* none *WG (prime / other):* G3ne / S1 / NP / T2 / SCP
freeze_meeting: smg-11b *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

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
GP-04	11/04/2001	4	.	32	.	0

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remarks - general: 2001-11-19: G4->G5.

remarks - this release: GP-06: Rel-4 serves all releases.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph2 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

GP-05 28/06/2001 4 . 33 . 0 [get it](#)
GP-06 06/09/2001 4 . 34 . 0 [get it](#)

TS 11.16 Conformity Specifications for Transparent Facsimile Group 3 Adaptors

Ph2 *current version:* none *WG (prime / other):* - / *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
comments): *freeze_meeting:* G: yes U: MCC: N, A
history (event, available, version,

remarks - general:
remarks - this release: .

TS 11.25 The GSM Base Station System (BSS) Equipment specification Half-rate speech

Ph2 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,

remarks - general:
remarks - this release: (no such spec)

Ph2 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:*
freeze_meeting: G: yes U: *MCC:* N, A
history (event, available, version,
draft 0 . 0 . 0

remarks - general: Title may have been "Network Management (NM); Part 3: Operations and
remarks - this release: . performance management".

Ph1

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph1 00 .- series
http://www.3gpp.org/ftp/Specs/archive/00_series

Ph1 00 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/00_series

TR 00.02 Voice group call service study (UIC project)
Ph1 *current version: none* *freeze_meeting:* *WG (prime / other): - / rapporteur: N, A* Indicate persons who left Company and wait for new One
history (event, available, version, *G: yes U: MCC: N, A*
remarks - general:
remarks - this release: .

Ph1 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.05 Simultaneous and Alternate Use of Services
Ph1 *current version: none* *freeze_meeting:* *WG (prime / other): - / rapporteur: N, A* Indicate persons who left Company and wait for new One
history (event, available, version, *G: yes U: MCC: N, A*
smg-01 06/05/1992 3 . 0 . 2 [get it](#) *remarks - general: MoU*
remarks - this release: .

TS 02.08 Quality of Service (QoS) / GSM system performance
Ph1 *current version: none* *freeze_meeting:* *WG (prime / other): - / - rapporteur: TWINGLER, Jonas* Northstream AB
history (event, available, version, *G: yes U: MCC: N, A*
25/08/1995 0 . 2 . 0 [get it](#) *remarks - general:*
06/10/1995 0 . 2 . 1 [get it](#) *remarks - this release: .*
10/05/1994 3 . 0 . 0 [get it](#)
10/05/1994 3 . 0 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.10	Provision of Telecommunication Services					
Ph1	<i>current version: none</i> <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
				<i>remarks - general:</i> <i>remarks - this release: .</i>		
TS 02.12	Licensing					
Ph1	<i>current version: none</i> <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
				<i>remarks - general:</i> <i>remarks - this release: .</i>		
TS 02.13	Subscription to the Services of a GSM PLMN					
Ph1	<i>current version: none</i> <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
				<i>remarks - general:</i> <i>remarks - this release: .</i>		
TS 02.14	Service Directory					
Ph1	<i>current version: none</i> <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
				<i>remarks - general:</i> <i>remarks - this release: .</i>		
TS 02.15	Circulation of mobile stations					
Ph1	<i>current version: none</i> <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> N, 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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Server WITHDRAWN specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.21 Transferred account procedure and billing information

Ph1 *current version:* none *freeze_meeting:* *WG (prime / other):* S2 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version,
Jan 1990 10/05/1994 3 . 3 . 0 *get it* *remarks - general:*
? 10/05/1994 3 . 4 . 0 *get it* *remarks - this release:* .

Ph1 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.42 SMS Compression

Ph1 *current version:* none *freeze_meeting:* *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
history (event, available, version,
gsm4 06/05/2003 3 . 0 . 0 Jan 1990: title was "Advanced data *get it* *remarks - general:*
MHS". *remarks - this release:* .

Ph1 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.09 Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN

Ph1 *current version:* none *freeze_meeting:* gsm-25b *WG (prime / other):* N4 / - *rapporteur:* VAINIKKA, Jari NOKIA Corporation
history (event, available, version,
First complete 1 . 0 . 0 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
remarks - general: 2003-05-07: no draft available, so withdraw.
remarks - this release: .

Ph1 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Ph1 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.01 Mobile station type approval procedure principles (Candidate NET 10 part 1)

Ph1 *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: *G: yes U:* *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release: .

TS 11.20 GSM DCS 1800 Base Station Specification

Ph1 *current version:* none *WG (prime / other):* GP / NP *rapporteur:* VACANT,
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
gsm-32 3 . 6 . 0 *remarks - general:*
smg-01 3 . 7 . 0 *remarks - this release:*
smg-02 3 . 8 . 0
smg-03 3 . 9 . 0
smg-04 3 . 10 . 0
smg-05 3 . 11 . 0
smg-06 01/09/2003 3 . 12 . 0 [get it](#)
smg-07 01/01/1995 3 . 13 . 0 [get it](#)
smg-08 3 . 14 . 0
smg-09 3 . 15 . 0
smg-10 3 . 16 . 0
smg-11 3 . 17 . 0
smg-12 01/01/1995 3 . 19 . 0 [get it](#)
smg-13 3 . 20 . 0
smg-20 13/12/1996 3 . 23 . 1 [get it](#)

Ph1 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server WITHDRAWN specs Ph1 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph1 *current version:* none
freeze_meeting:
history (event, available, version,
draft 0 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: yes U: MCC: N, A

remarks - general: Title may have been "Network Management (NM); Part 3: Operations and
remarks - this release: . performance management".

24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.04U UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems

current version: none
freeze_meeting:
history (event, available, version,

WG (prime / other): - / *rapporteur:* N, A
G: U: MCC: N, A

Indicate persons who left Company and wait for new
One

remarks - general:
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS