3GPP TSG-SA Meeting #20, Hämeenlinna (Finland), June 2003

Source: MCC

mailto:john.meredith@etsi.fr

Title: CRs to 21.102, 21.103, 41.102, 41.103 to point to replacement

specs, and to 21.101 to change title

Document for: decision

If SA agrees to the spec number changes advocated in SP-030235, it is proposed to modify the existing spec list series to remove the lists of specs and replace them with a pointer to the new documents.

Once these CRs have been done, the old, redundant specs:

21.102

21.103

41.102

41.103

should be withdrawn. It may appear rather perverse to change a spec and immediately withdraw it, but there is method in this madness: all versions of specs remain available indefinitely in the "archive" directory of the 3GPP file server http://www.3gpp.org/ftp/Specs/archive/

and ifa user of the 3GPP specs was unaware of the change of number, he might mistakenly take the latest version of the old spec as valid, even though it is withdrawn. By making sure that the last versions of these withdrawn specs point to their replacements, this danger is avoided.

	TSG Doc	Spec	CR	Rev	Rel	Subject	Cat		Version resulting	Work Item
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3GPP TSG-SA Meeting #20 Hämeenlinna, Finland, June 2003

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		(CHANG	E REQ	UES	ST				CR-Form-v7
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For <u>HELP</u> or	using th	is form, see	e bottom of th	is page or	look a	t the p	op-up text	over	the ℋ syr	mbols.
Proposed chang	Proposed change affects: UICC apps# ME Radio Access Network Core Network									
Title:	光 Rem	oval of list	of specs and	substitutio	n of a	pointe	r to replace	men	t spec	
Source:	₩ MCC	(Specifica	tions Manage	er)						
Work item code:	ℋ TEI						Date: ₩	11/0	06/2003	
Category:	F A B C D Detaile	(correction) (correspond (addition of (functional) (editorial)	ds to a correcti f feature), modification of nodification) ons of the abov	ion in an ea			Use <u>one</u> of 2 2 R96 R97 R98 R99 Rel-4 Rel-5	(GSN (Rele (Rele (Rele (Rele (Rele		eases:
Reason for chan	ge: Ж	Danger of	out of date lis	t of specs	being	taken a	as valid.			
Summary of cha	nge: ೫	See title.								
Consequences in not approved:	f #	Confusion	over Release	contents.						
Clauses affected	l:	2, 5								
Other specs affected:	*	X Test	r core specific specifications Specification	8	*					
Other comments	. ae									

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.
- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TR 21.900: "Technical Specification Group working methods".
- [3] 3GPP TS 41.101: "Technical Specifications and Technical Reports for a GERAN-based 3GPP system".

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5 Specifications and Reports

The list is contained in 3GPP TS 41.101 (Release 4) [3].

Number	Title Title	WG-	For
		prime	publication?
21.801	Specification drafting rules	SP	No
21.900	Technical Specification Group working methods	SP	Yes
22.001	Principles of circuit telecommunication services- supported by a Public Land Mobile Network- (PLMN)	\$1	Yes
22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)	S1	Yes
22.003	Circuit Teleservices supported by a Public Land- Mobile Network (PLMN)	S1	Yes
22.004	General on supplementary services	S1	Yes
22.011	Service accessibility	\$1	Yes
22.016	International Mobile Equipment Identities (IMEI)	\$1	Yes
22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	\$3	Yes
22.024	Description of Charge Advice Information (CAI)	S1	Yes
22.030	Man-Machine Interface (MMI) of the User- Equipment (UE)	S1	Yes
22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	Yes
22.032	Immediate Service Termination (IST); Service description; Stage 1	S3	Yes
22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	\$1	Yes
22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes
22.041	Operator Determined Call Barring	\$1	Yes
22.042	Network Identity and Time Zone (NITZ) service description; Stage 1	S1	Yes
22.048	Security Mechanisms for the (U)SIM application toolkit; Stage 1	T3	Yes

Number	Title	WG- prime	For publication?
22.053	Tandem Free Operation (TFO); Service- description; Stage 1	\$4	Yes
22.057	Mobile Execution Environment (MExE) service description; Stage 1	\$1	Yes
22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1	Yes
22.066	Support of Mobile Number Portability (MNP); Stage 1	\$1	Yes
22.067	enhanced Multi-Level Precedence and Pre- emption service (eMLPP); Stage 1	\$1	Yes
22.071	Location Services (LCS); Stage 1	\$1	Yes
22.072	Call Deflection (CD); Stage 1	\$1	Yes
22.076	Noise suppression for the AMR codec; Service- description; Stage 1	S 4	Yes
22.078	Customized Applications for Mobile network- Enhanced Logic (CAMEL); Service description; Stage 1	\$1	Yes
22.079	Support of optimal routeing; Stage 1	S1	Yes
22.081	Line Identification supplementary services; Stage 1		Yes
22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes
22.083	Call Waiting (CW) and Call Hold (HOLD)- supplementary services; Stage 1	S1	Yes
22.084	MultiParty (MPTY) supplementary service; Stage 4	\$1	Yes
22.085	Closed User Group (CUG) supplementary services; Stage 1	\$1	Yes
22.086	Advice of Charge (AoC) supplementary services; Stage 1	\$1	Yes
22.087	User-to-user signalling (UUS); Stage 1	\$1	Yes
22.088	Call Barring (CB) supplementary services; Stage-	\$1	Yes
22.090	Unstructured Supplementary Service Data- (USSD); Stage 1	\$1	Yes
22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1	Yes
22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	\$1	Yes
22.094	Follow Me service description - Stage 1	\$1	Yes
22.096	Name identification supplementary services; Stage 1	\$1	Yes
22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	\$1	Yes
22.115	Service Aspects Charging and billing	\$1	Yes
22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	Yes
22.129	Handover requirements between UTRAN and GERAN or other radio systems	\$1	Yes
23.002	Network architecture	\$2	Yes
23.003	Numbering, Addressing and Identification	N4	Yes
23.007	Restoration procedures	N4	Yes
23.008	Organisation of subscriber data	N 4	Yes
23.009	Handover procedures	N1	Yes
23.011	Technical realization of Supplementary Services	N 4	Yes
23.012	Location management procedures	N4	Yes
23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1	Yes
23.015	Technical realisation of Operator Determined Barring (ODB)	N4	Yes
23.016	Subscriber data management; Stage 2	N4	Yes
23.018	Basic Call Handling; Technical realization	N4	Yes
23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	\$3	Yes

Number	Title	WG- prime	For publication?
23.032	Universal Geographical Area Description (GAD)	S2	Yes
23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes
23.035	Immediate Service Termination (IST); Stage 2	\$3	Yes
23.038	Alphabets and language-specific information	T2	Yes
23.039	Interface Protocols for the Connection of Short- Message Service Centers (SMSCs) to Short- Message Entities (SMEs)	T2	Yes
23.040	Technical realization of Short Message Service (SMS)	T2	Yes
23.041	Technical realization of Cell Broadcast Service (CBS)	T2	Yes
23.042	Compression algorithm for SMS	T2	Yes
23.048	Security Mechanisms for the (U)SIM application toolkit; Stage 2	T3	Yes
23.053	Tandem Free Operation (TFO); Service description; Stage 2	\$4	Yes
23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	T2	Yes
23.060	General Packet Radio Service (GPRS) Service description; Stage 2	\$2	Yes
23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4	Yes
23.067	Enhanced Multi-Level Precedence and Pre- emption Service (eMLPP); Stage 2	N4	Yes
23.072	Call Deflection Supplementary Service; Stage 2	N4	Yes
23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2	N2	Yes
23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4	Yes
23.081	Line Identification supplementary services; Stage 2	N4	Yes
23.082	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes
23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N 4	Yes
23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N 4	Yes
23.085	Closed User Group (CUG) Supplementary Service; Stage 2	N4	Yes
23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	N4	Yes
23.087	User-to-User Signalling (UUS) supplementary service; Stage 2	N4	Yes
23.088	Call Barring (CB) Supplementary Service; Stage-2	N4	Yes
23.090	Unstructured Supplementary Service Data- (USSD); Stage 2	N4	Yes
23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	Yes
23.093	Technical realization of Completion of Calls to- Busy Subscriber (CCBS); Stage 2	N4	Yes
23.094	Follow Me Stage 2	N4	Yes
23.096	Name Identification Supplementary Service; Stage 2	N4	Yes
23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2	N4	Yes
23.108	Mobile radio interface layer 3 specification core- network protocols; Stage 2 (structured- procedures)	N1	Yes
23.110	UMTS Access Stratum Services and Functions	S2	Yes
23.116	Super-Charger technical realization; Stage 2	N4	Yes
23.119	Gateway Location Register (GLR); Stage2	N4	Yes

Number	Title	WG- prime	For publication?
23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes
23.221	Architectural requirements	S2	Yes
23.271	Location Services (LCS); Functional description;	\$2	Yes
	Stage 2		
23.908	Technical report on Pre-Paging	N4	Yes
23.909	Technical report on the Gateway Location- Register	N4	Yes
23.911	Technical report on Out-of-band transcoder control	N4	Yes
23.912	Technical report on Super-Charger	N4	Yes
23.925	UMTS Core network based ATM transport	\$2	Yes
24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes
24.007	Mobile radio interface signalling layer 3; General-	N1	Yes
04.000	Aspects	NI4	V
24.008	Mobile radio interface Layer 3 specification; Corenetwork protocols; Stage 3		Yes
24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes
24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Yes
24.022	Radio Link Protocol (RLP) for circuit switched- bearer and teleservices	N3	Yes
24.030	Location Services (LCS); Supplementary service-	N4	Yes
24.067	eperations; Stage 3 Enhanced Multi-Level Precedence and Pre-	N 4	Yes
	emption service (eMLPP); Stage 3		
24.072	Call Deflection Supplementary Service; Stage 3	N4	Yes
24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding	N4	Yes
24.081	Line Identification Supplementary Service; Stage 3	N4	Yes
24.082	Call Forwarding supplementary service; Stage 3	N 4	Yes
24.083	Call Waiting (CW) and Call Hold (HOLD)- Supplementary Service; Stage 3	N 4	Yes
24.084	MultiParty (MPTY) Supplementary Service;	N4	Yes
24.085	Stage 3 Closed User Group (CUG) Supplementary	N 4	Yes
24.086	Service; Stage 3 Advice of Charge (AoC) Supplementary Service;	N4	Yes
	Stage 3		
24.087	User-to-User Signalling (UUS); Stage 3	N 4	Yes
24.088	Call Barring (CB) Supplementary Service; Stage-3	N4	Yes
24.090	Unstructured Supplementary Service Data (USSD); Stage 3	N4	Yes
24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes
24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N4	Yes
24.096	Name Identification Supplementary Service; Stage 3	N4	Yes
26.071	AMR speech Codec; General description	S4	Yes
26.073	AMR speech Codec; C-source code	\$4	Yes
26.074	AMR speech Codec; Test sequences	S4	Yes
26.077	Minimum Performance Requirements for Noise- Suppresser Application to the AMR Speech	\$4	Yes
	Encoder	_	
26.090	AMR speech Codec; Transcoding Functions	\$4	Yes
26.091	AMR speech Codec; Error concealment of lost- frames	\$4	Yes
26.092	AMR speech Codec; comfort noise for AMR	\$ 4	Yes

Number	Title	WG- prime	For publication?
26.093	AMR speech Codec; Source Controlled Rate- operation	\$ 4	Yes
26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	S 4	Yes
26.102	AMR speech Codec; Interface to lu and Uu	\$4	Yes
26.103	Speech codec list for GSM and UMTS	\$4	Yes
26.104	ANSI-C code for the floating-point Adaptive- Multi-Rate (AMR) speech codec	\$ 4	Yes
26.110	Codec for circuit switched multimedia telephony service; General description	\$ 4	Yes
26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4	Yes
26.901	AMR wideband speech codec; Feasibility study report	S4	Yes
26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide	\$4	Yes
26.975	Performance characterization of the Adaptive- Multi-Rate (AMR) speech codec	\$ 4	Yes
26.978	Results of the AMR noise suppression selection phase	S 4	Yes
27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes
27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Yes
27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	Yes
27.005	Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell-Broadcast Service (CBS)	T2	Yes
27.007	AT command set for 3G User Equipment (UE)	T2	Yes
27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	T2	Yes
27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3	Yes
27.103	Wide Area Network Synchronization	T2	Yes
28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3		Yes
29.002	Mobile Application Part (MAP) specification	N4	Yes
29.007	General requirements on interworking between- the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	N3	Yes
29.010	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)	N4	Yes
29.011	Signalling Interworking for Supplementary Services	N4	Yes
29.013	Signalling interworking between ISDN- supplementary services Application Service- Element (ASE) and Mobile Application Part- (MAP) protocols	N4	Yes
29.016	Serving GPRS Support Node SGSN - Visitors- Location Register (VLR); Gs Interface Network Service Specification	N1	Yes
29.018	General Packet Radio Service (GPRS); Serving- GPRS Support Node (SGSN) - Visitors Location- Register (VLR); Gs interface layer 3 specification	N1	Yes
29.060	General Packet Radio Service (GPRS); GPRS- Tunnelling Protocol (GTP) across the Gn and Gp- interface	N4	Yes

Number	Title	WG- prime	For- publication?
29.061	Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based- services and Packet Data Networks (PDN)	N3	Yes
29.078	Customised Applications for Mobile network- Enhanced Logic (CAMEL); CAMEL Application- Part (CAP) specification	N2	Yes
29.99 4	Recommended infrastructure measures to evercome specific Mobile Station (MS) and User Equipment (UE) faults	N1	Yes
30.902	Guidelines for the modification of the Mobile- Application Part (MAP)	N4	No
31.048	Test specification for security mechanisms for the (U)SIM application toolkit	T3	Yes
31.111	USIM Application Toolkit (USAT)	T3	Yes
32.200	Telecommunication management; Charging- management; Charging principles	\$5	Yes
32.311	Telecommunication management; Generic- Integration Reference Point (IRP) management; Requirements	\$5	Yes
32.401	Telecommunication management; Performance- Management (PM); Concept and requirements	\$5	Yes
32.403	Telecommunication management; Performance- Management (PM); Performance measurements- -UMTS and combined UMTS/GSM	\$5	Yes
32.600	Telecommunication management; Configuration- Management (CM); Concept and high-level- requirements	\$5	Yes
32.601	Telecommunication management; Configuration- Management (CM); Basic CM Integration- Reference Point (IRP): requirements	\$5	Yes
32.602	Telecommunication management; Configuration- Management (CM); Basic Configuration- Management Integration Reference Point (IRP)- information service	\$5	Yes
32.603	Telecommunication management; Configuration- Management (CM); Basic Configuration- Management Integration Reference Point (IRP):- CORBA solution set	\$5	Yes
32.621	Telecommunication management; Configuration- Management (CM); Generic network resources- Integration Reference Point (IRP): requirements	\$5	Yes
32.622	Telecommunication management; Configuration- Management (CM); Generic network resources- Integration Reference Point (IRP): Network- Resource Model (NRM)	\$5	Yes
32.623	Telecommunication management; Configuration- Management (CM); Generic network resources- Integration Reference Point (IRP): CORBA- solution set	\$5	Yes
32.62 4	Telecommunication management; Configuration- Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution- set	\$5	Yes
32.632	Telecommunication management; Configuration- Management (CM); Core Network Resources- Integration Reference Point (IRP): Network- Resource Model (NRM)	\$5	Yes
32.633	Telecommunication management; Configuration- Management (CM); Core network resources- Integration Reference Point (IRP): CORBA- solution set	\$5	Yes
32.634	Telecommunication management; Configuration- Management (CM); Core network resources- Integration Reference Point (IRP): CMIP solution- set	\$5	Yes

Number	Title	WG-	For publication?
32.651	Telecommunication management; Configuration-	S5	Yes
32.00 l	Management (CM); GERAN network resources Integration Reference Point (IRP): requirements	90	100
32.652	Telecommunication management; Configuration- Management (CM); GERAN network resources- Integration Reference Point (IRP): Network-	\$5	Yes
32.653	Resource Model (NRM) Telecommunication management; Configuration	\$5	Yes
32.003	Management (CM); GERAN network resources- Integration Reference Point (IRP): CORBA- solution set	33	105
32.654	Telecommunication management; Configuration— Management (CM); GERAN network resources—	\$5	Yes
	Integration Reference Point (IRP): CMIP solution set		
41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	\$3	Yes
41.033	Lawful Interception requirements for GSM	S3	Yes
41.061	General Packet Radio Service (GPRS); GPRS-ciphering algorithm requirements	S3	Yes
41.102	GSM Release 4 specifications	SP	Yes
42.009	Security Aspects	\$3	Yes
42.017	Subscriber Identity Module (SIM); Functional characteristics	T3	Yes
42.019	Subscriber Identity Module Application- Programming Interface (SIM API); Stage 1	T3	Yes
42.033	Lawful Interception; Stage 1	\$3	Yes
42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1	\$1	Yes
4 2.056	GSM Cordless Telephony System (CTS), Phase- 1; Service description; Stage 1	\$1	Yes
42.068	Voice Group Call Service (VGCS); Stage 1	\$1	Yes
42.069	Voice Broadcast Service (VBS); Stage 1	S1	Yes
43.005	Technical performance objectives	NP	Yes
43.010	GSM Public Land Mobile Network (PLMN) connection types	S/A	Yes
43.013	Discontinuous Reception (DRX) in the GSM- system	G1	Yes
43.019	Subscriber Identity Module Application- Programming Interface (SIM API) for Java Card; Stage 2	13	Yes
43.020	Security-related network functions	S 3	Yes
43.022	Functions related to Mobile Station (MS) in idle- mode and group receive mode	G1	Yes
43.026	Multiband operation of GSM / DCS 1800 by a- single operator	G1	Yes
43.030	Radio network planning aspects	G1	Yes
43.033	Lawful Interception; Stage 2	S3	Yes
43.045	Technical Realization of Facsimile Group 3 Service - transparent	N3	Yes
43.050	Transmission Planning Aspects of the Speech- Service in the GSM Public Land Mobile Network- (PLMN) System	\$4	Yes
43.052	Lower layers of the GSM Cordless Telephony- System (CTS) radio interface; Stage 2	G1	Yes
43.055	Dual Transfer Mode (DTM); Stage 2	G1	Yes
43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S 4	Yes
43.059	Functional stage 2 description of Location- Services (LCS) in GERAN	G1	Yes
43.064	Overall description of the GPRS radio interface; Stage 2	G1	Yes
43.068	Voice Group Call Service (VGCS); Stage 2	N1	Yes
43.069	Voice Broadcast service (VBS); Stage 2	N1	Yes

Number	Title	WG- prime	For- publication?
43.073	Support of Localised Service Area (SoLSA); Stage 2	N4	Yes
44.001	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Yes
44.003	Mobile Station Base Station System (MS BSS) Interface Channel Structures and Access Capabilities	G2	Yes
44.004	Layer 1 - General Requirements	G2	Yes
44.005	Data Link (DL) Layer General Aspects	G2	Yes
44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Yes
44.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Yes
44.013	Performance Requirements on Mobile Radio- Interface	N1	Yes
44.014	Individual equipment type requirements and interworking; Special conformance testing functions	G2	Yes
44.018	Mobile radio interface layer 3 specification; Radio Resource Control Protocol	G2	Yes
44.021	Rate Adaption on the Mobile Station - Base- Station System (MS-BSS) Interface	N3	Yes
44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio- Resource LCS Protocol (RRLP)	G2	Yes
44 .035	Location Services (LCS); Broadcast network- assistance for Enhanced Observed Time- Difference (E-OTD) and Global Positioning- System (GPS) positioning methods	G2	Yes
44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	N1	Yes
44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	N1	Yes
44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	G2	Yes
44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	N1	Yes
44.065	Mobile Station (MS) - Serving GPRS Support- Node (SGSN); Subnetwork Dependent- Convergence Protocol (SNDCP)	N1	Yes
44.068	Group Call Control (GCC) Protocol	N1	Yes
44.069	Broadcast Call Control (BCC) protocol	N1	Yes
44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification	G2	Yes
4 5.001	Physical layer on the radio path; General description	G1	Yes
45.002	Multiplexing and multiple access on the radio- path	G1	Yes
45.003	Channel coding Madulation	G1	Yes
45.004	Modulation Radio transmission and reception	G1	Yes
45.005 45.008	Radio transmission and reception Radio subsystem link control	G1 G1	Yes Yes
45.008 45.009	Link adaptation	G1	Yes Yes
45.009 45.010	Radio subsystem synchronization	G1	Yes
45.010 45.022	Radio link management in hierarchical networks	G1	Yes
45.050	Background for RF Requirements	G1	Yes
45.050 4 5.056	CTS-FP Radio Sub-system	G1	Yes
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4 6.001	Full Rate Speech Processing Functions	\$4	Yes

Number	Title	WG- prime	For- publication?
46.006	Half-rate speech: ANSI-C code for GSM half- rate speech codec	S4	Yes
46.007	Half Rate Speech: Test Sequence for GSM Half- Rate Speech Codec	\$ 4	Yes
46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4	Yes
46.010	Full-rate speech transcoding	\$ 4	Yes
46.011	Substitution and Muting of Lost Frames for Full- Rate Speech Channels	\$ 4	Yes
46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels	\$4	Yes
46.020	Half Rate Speech Transcoding	\$4	Yes
46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	\$4	Yes
4 6.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels	\$ 4	Yes
46.031	Discontinuous Transmission (DTX) for Full Rate- Speech Traffic Channels	\$ 4	Yes
46.032	Voice Activity Detection (VAD)	S4	Yes
46.041	Discontinuous Transmission (DTX) for Half Rate- Speech Traffic Channels	\$ 4	Yes
4 6.042	Voice Activity Detection (VAD) for Half Rate- Speech Traffic Channels	\$ 4	Yes
46.051	GSM Enhanced full rate speech processing functions: General description	\$4	Yes
46.053	ANSI-C code for the GSM Enhanced full rate- speech codec	\$4	Yes
46.054	Test sequences for the GSM Enhanced Full Rate (EFR)	\$4	Yes
4 6.055	Performance characterisation of the GSM EFR- Speech Codec	\$ 4	Yes
46.060	Enhanced full rate speech transcoding	\$4	Yes
46.061	Substitution and muting of lost frames for encanced full rate speech traffic channels	\$4	Yes
4 6.062	Comfort noise aspects for Enhanced Full Rate- (EFR) speech traffic channels	\$ 4	Yes
4 6.076	Adaptive Multi-Rate (AMR) speech codec; Study phase report		Yes
4 6.081	Discontinuous Transmission (DTX) for encanced- full rate speech traffic channels	\$4	Yes
46.082	Voice Activity Detection (VAD) for encanced full- rate speech traffic channels	\$4	Yes
4 6.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	\$ 4	Yes
48.001	General Aspects on the BSS-MSC Interface	G2	Yes
4 8.002	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Yes
48.004	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Yes
48.006	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services- Switching Centre (BSS-MSC) Interface	G2	Yes
48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Yes
48.014	General Packet Radio Service (GPRS); Base- Station System (BSS) - Serving GPRS Support- Node (SGSN) interface; Gb Interface Layer 1	G2	Yes
48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	G2	Yes

Number	Title Title	WG- prime	For- publication?
40.040	Our and Dealest Deales Comitee (ODDO): Deale	· •	· •
48.018	General Packet Radio Service (GPRS); Base- Station System (BSS) - Serving GPRS Support- Node (SGSN); BSS GPRS Protocol	G2	Yes
4 8.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Yes
4 8.031	Location Services LCS: Serving Mobile Location- Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	G2	Yes
4 8.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Yes
4 8.052	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	G2	Yes
48.054	Base Station Controller - Base Transceiver- Station (BSC - BTS) interface; Layer 1 structure- of physical circuits	G2	Yes
48.056	Base Station Controller - Base Transceiver- Station (BSC - BTS) interface; Layer 2- specification	G2	Yes
48.058	Base Station Controler - Base Transceiver- Station (BCS-BTS) Interface Layer 3- Specification	G2	Yes
4 8.060	In-band control of remote transcoders and rate- adaptors for full rate traffic channels	G1	Yes
48.061	In-band control of remote transcoders and rate- adaptors for half rate traffic channels	G1	Yes
48.071	Location Services (LCS); Serving Mobile- Location Centre - Base Station System (SMLC- BSS) interface; Layer 3 specification	G2	Yes
49.001	General network interworking scenarios	N4	Yes
49.008	Application of the Base Station System- Application Part (BSSAP) on the E-Interface	N1	Yes
49.031	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)	G2	Yes
50.059	Enhanced Data rates for GSM Evolution- (EDGE); Project scheduling and open issues for EDGE	G1	No
51.010-1	Mobile Station (MS) conformance specification; Part 1: Conformance specification	G5	Yes
51.010-2	Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	G5	Yes
51.010-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G5	Yes
51.011	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface	T3	Yes
51.013	Test specification for SIM API for Java card	T3	Yes
51.021	GSM radio aspects base station system- equipment specification	G3	Yes
51.026	GSM Repeater Equipment Specification	G3	Yes
52.021	Network Management (NM) Procedures and Messages on the A-bis Interface	G3	Yes
52.402	Telecommunication management; Performance- Management (PM); Performance measurements- GSM	\$5	Yes

3GPP TSG-SA Meeting #20 Hämeenlinna, Finland, June 2003

Other comments:

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Summary of chang	ge: See title.					
Consequences if not approved:	策 Confusion ove	r Release conte	nts.			
Clauses affected:	光 2, 5					
Other specs affected:	X Test spe	re specifications cifications ecifications	з ж			

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.
- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TR 21.900: "Technical Specification Group working methods".
- [3] 3GPP TS 41.101: "Technical Specifications and Technical Reports for a GERAN-based 3GPP system".

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5 Specifications and Reports

The list is contained in 3GPP TS 41.101 (Release 5) [3].

NOTE 1: The "for publication?" column of the table below indicates whether or not the documents are intended for adoption by the partner Standards Development Organizations as their own publications. Those marked "no" are internal working documents of the 3GPP TSGs.

NOTE 2: For definition of "freezing" of specifications (last two columns), see 3GPP TS 21.900 [2].

Number	Title	WG-	For-	freeze date	frozen
		prime	publication?		
21.801	Specification drafting rules	SP	No	14/03/2002	yes
21.900	Technical Specification Group working methods	SP	Yes	14/03/2002	yes
22.001	Principles of circuit telecommunication services- supported by a Public Land Mobile Network- (PLMN)	S1	Yes	13/06/2002	yes
22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)	S1	Yes	13/06/2002	yes
22.003	Circuit Teleservices supported by a Public Land- Mobile Network (PLMN)	S1	Yes	14/03/2002	yes
22.004	General on supplementary services	\$1	Yes	13/06/2002	yes
22.011	Service accessibility	S1	Yes	13/06/2002	yes
22.016	International Mobile Equipment Identities (IMEI)	\$1	Yes	13/06/2002	yes
22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	Yes	12/09/2002	yes
22.024	Description of Charge Advice Information (CAI)	\$1	Yes	13/06/2002	yes
22.030	Man-Machine Interface (MMI) of the User- Equipment (UE)	S1	Yes	13/06/2002	yes
22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	Yes	12/12/2002	yes
22.032	Immediate Service Termination (IST); Service description; Stage 1	\$3	Yes	13/06/2002	yes
22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	\$1	Yes	13/06/2002	yes
22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	\$1	Yes	14/03/2002	yes

Number	Title	WG- prime	For- publication?	freeze date	frozen
22.041	Operator Determined Call Barring	S1	Yes	13/06/2002	
22.042	Network Identity and Time Zone (NITZ) service- description; Stage 1	\$1	Yes	13/06/2002	yes
22.053	Tandem Free Operation (TFO); Service- description; Stage 1	\$ 4	Yes	13/06/2002	yes
22.057	Mobile Execution Environment (MExE) service description; Stage 1	S1	Yes	14/03/2002	yes
22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1	Yes	14/03/2002	yes
22.066	Support of Mobile Number Portability (MNP); Stage 1	S1	Yes	13/06/2002	yes
22.067	enhanced Multi-Level Precedence and Pre- emption service (eMLPP); Stage 1	\$1	Yes	13/06/2002	yes
22.071	Location Services (LCS); Stage 1	\$1	Yes	14/03/2002	ves
22.072	Call Deflection (CD); Stage 1	\$1	Yes	13/06/2002	-
22.076	Noise suppression for the AMR codec; Service description; Stage 1	\$4	Yes	13/06/2002	-
22.078	Customized Applications for Mobile network- Enhanced Logic (CAMEL); Service description; Stage 1	S1	Yes	14/03/2002	yes
22.079	Support of optimal routeing; Stage 1	S1	Yes	13/06/2002	ves
22.081	Line Identification supplementary services; Stage 4	\$1	Yes	13/06/2002	
22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1	Yes	13/06/2002	yes
22.083	Call Waiting (CW) and Call Hold (HOLD)- supplementary services; Stage 1	S1	Yes	13/06/2002	yes
22.084	MultiParty (MPTY) supplementary service; Stage 4	S1	Yes	13/06/2002	yes
22.085	Closed User Group (CUG) supplementary services; Stage 1	\$1	Yes	13/06/2002	yes
22.086	Advice of Charge (AoC) supplementary services; Stage 1	\$1	Yes	13/06/2002	yes
22.087	User-to-user signalling (UUS); Stage 1	S1	Yes	13/06/2002	yes
22.088	Call Barring (CB) supplementary services; Stage-4	\$1	Yes	13/06/2002	yes
22.090	Unstructured Supplementary Service Data- (USSD); Stage 1	\$1	Yes	13/06/2002	yes
22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	\$1	Yes	13/06/2002	yes
22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	S1	Yes	13/06/2002	yes
22.094	Follow Me service description - Stage 1	\$1	Yes	13/06/2002	
22.096	Name identification supplementary services; Stage 1	\$1	Yes	13/06/2002	yes
22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	\$1	Yes	13/06/2002	yes
22.115	Service Aspects Charging and billing	\$ 4	Yes	14/03/2002	
22.121	Service aspects; The Virtual Home Environment; Stage 1		Yes	14/03/2002	yes
22.129	Handover requirements between UTRAN and GERAN or other radio systems	S1	Yes	14/03/2002	
22.226	Global text telephony (GTT); Stage 1: Service-description	\$1	Yes	14/03/2002	
22.22 8	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1	\$1	Yes	14/03/2002	
23.002	Network architecture	\$2	Yes	14/03/2002	
23.003	Numbering, Addressing and Identification	N 4	Yes	08/03/2002	
23.007	Restoration procedures	N4	Yes	08/03/2002	
23.008	Organisation of subscriber data	N 4	Yes	08/03/2002	
23.009	Handover procedures	N1	Yes	08/03/2002	
23.011	Technical realization of Supplementary Services	N4	Yes	08/03/2002	
23.012	Location management procedures	N 4	Yes	08/03/2002	yes

23.015	Support of Dual Tone Multi Frequency (DTMF) signalling Technical realisation of Operator Determined Barring (ODB) Subscriber data management; Stage 2 Basic Call Handling; Technical realization Fraud Information Gathering System (FIGS); Service description; Stage 2 Universal Geographical Area Description (GAD) High Speed Circuit Switched Data (HSCSD); Stage 2 Immediate Service Termination (IST); Stage 2 Alphabets and language specific information Interface Protocols for the Connection of Short-Message Service Centers (SMSCs) to Short-Message Entities (SMEs) Technical realization of Short Message Service (SMS) Technical realization of Cell Broadcast Service (CBS) Compression algorithm for SMS Security Mechanisms for the (U)SIM application-toolkit; Stage 2 Tandem Free Operation (TFO); Service-description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service-description; Stage 2 Support of GSM Mobile Number Portability	Prime N1	Yes	08/03/2002 08/03/2002 08/03/2002 08/03/2002 12/12/2002 20/03/2003 08/03/2002 08/03/2002 08/03/2002 08/03/2002 08/03/2002 08/03/2002 13/06/2002 08/03/2002	yes
23.015	Technical realisation of Operator Determined Barring (ODB) Subscriber data management; Stage 2 Basic Call Handling; Technical realization Fraud Information Gathering System (FIGS); Service description; Stage 2 Universal Geographical Area Description (GAD) High Speed Circuit Switched Data (HSCSD); Stage 2 Immediate Service Termination (IST); Stage 2 Alphabets and language specific information Interface Protocols for the Connection of Short-Message Service Centers (SMSCs) to Short-Message Entities (SMEs) Technical realization of Short Message Service (SMS) Technical realization of Cell Broadcast Service (CBS) Compression algorithm for SMS Security Mechanisms for the (U)SIM application-toolkit; Stage 2 Tandem Free Operation (TFO); Service-description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service-description; Stage 2	N4 N4 S3 S2 N1 S3 T2 T3	Yes	08/03/2002 08/03/2002 12/12/2002 20/03/2003 08/03/2002 13/06/2002 08/03/2002 08/03/2002 08/03/2002 08/03/2002 08/03/2002	yes
23.016 S 23.018 E 23.018 E 23.031 F S 23.032 U 23.035 H 23.038 A 23.039 H A 23.041 T (4) 23.042 C 23.048 S C 23.057 M E 23.066 S (4) 23.067 E C 23.072 C 23.078 C C 23.079 S	Subscriber data management; Stage 2 Basic Call Handling; Technical realization Fraud Information Gathering System (FIGS); Service description; Stage 2 Universal Geographical Area Description (GAD) High Speed Circuit Switched Data (HSCSD); Stage 2 Immediate Service Termination (IST); Stage 2 Alphabets and language specific information Interface Protocols for the Connection of Short- Message Service Centers (SMSCs) to Short- Message Entities (SMEs) Technical realization of Short Message Service- (SMS) Technical realization of Cell Broadcast Service- (CBS) Compression algorithm for SMS Security Mechanisms for the (U)SIM application- toolkit; Stage 2 Tandem Free Operation (TFO); Service- description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service- description; Stage 2	N4 S3 S2 N1 S3 T2 T2 T2 T2 T3 S4 T2	Yes	08/03/2002 12/12/2002 20/03/2003 08/03/2002 13/06/2002 08/03/2002 08/03/2002 07/06/2002 08/03/2002 08/03/2002	yes
23.048 B 23.031 F 23.032 U 23.034 F 23.035 H 23.038 A 23.039 H 23.041 T (4) 23.042 C 23.048 S 23.057 M E 23.066 S (4) 23.072 C 23.078 C 23.079 S (4) 23.079 S	Basic Call Handling; Technical realization Fraud Information Gathering System (FIGS); Service description; Stage 2 Universal Geographical Area Description (GAD) High Speed Circuit Switched Data (HSCSD); Stage 2 Immediate Service Termination (IST); Stage 2 Alphabets and language specific information Interface Protocols for the Connection of Short- Message Service Centers (SMSCs) to Short- Message Entities (SMEs) Technical realization of Short Message Service (SMS) Technical realization of Cell Broadcast Service (CBS) Compression algorithm for SMS Security Mechanisms for the (U)SIM application- toolkit; Stage 2 Tandem Free Operation (TFO); Service- description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service- description; Stage 2	\$3 \$2 N1 \$3 \$12 \$12 \$12 \$12 \$13 \$4 \$12	Yes	12/12/2002 20/03/2003 08/03/2002 13/06/2002 08/03/2002 08/03/2002 07/06/2002 08/03/2002 08/03/2002	yes
23.032 L 23.034 F 23.035 F 23.038 A 23.039 F 23.040 T (4) 23.041 T (4) 23.042 G 23.048 S 23.057 F 23.066 S (4) 23.066 S (4) 23.067 E 23.072 G 23.078 G 23.079 S	Service description; Stage 2 Universal Geographical Area Description (GAD) High Speed Circuit Switched Data (HSCSD); Stage 2 Immediate Service Termination (IST); Stage 2 Alphabets and language specific information Interface Protocols for the Connection of Short- Message Service Centers (SMSCs) to Short- Message Entities (SMEs) Technical realization of Short Message Service (SMS) Technical realization of Cell Broadcast Service (CBS) Compression algorithm for SMS Security Mechanisms for the (U)SIM application- toolkit; Stage 2 Tandem Free Operation (TFO); Service- description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service- description; Stage 2	\$2 N1 \$3 T2 T2 T2 T2 T3 \$4	Yes	12/12/2002 20/03/2003 08/03/2002 13/06/2002 08/03/2002 08/03/2002 07/06/2002 08/03/2002 08/03/2002	yes
23.032 L 23.034 F 23.035 F 23.038 A 23.039 F 23.040 T (4) 23.041 T (4) 23.042 C 23.048 S 23.053 T 23.057 F 23.066 S (4) 23.072 C 23.078 C 23.079 S	Universal Geographical Area Description (GAD) High Speed Circuit Switched Data (HSCSD); Stage 2 Immediate Service Termination (IST); Stage 2 Alphabets and language specific information Interface Protocols for the Connection of Short- Message Service Centers (SMSCs) to Short- Message Entities (SMEs) Technical realization of Short Message Service- (SMS) Technical realization of Cell Broadcast Service- (CBS) Compression algorithm for SMS Security Mechanisms for the (U)SIM application- toolkit; Stage 2 Tandem Free Operation (TFO); Service- description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service- description; Stage 2	N1 S3 T2 T2 T2 T2 T3 S4	Yes	08/03/2002 13/06/2002 08/03/2002 08/03/2002 08/03/2002 07/06/2002 08/03/2002 08/03/2002	yes yes yes yes yes yes yes yes yes
23.034 E S S 23.035 H 23.038 A E S S E S S E E	High Speed Circuit Switched Data (HSCSD); Stage 2 Immediate Service Termination (IST); Stage 2 Alphabets and language specific information Interface Protocols for the Connection of Short- Message Service Centers (SMSCs) to Short- Message Entities (SMEs) Technical realization of Short Message Service (SMS) Technical realization of Cell Broadcast Service (CBS) Compression algorithm for SMS Security Mechanisms for the (U)SIM application- toolkit; Stage 2 Tandem Free Operation (TFO); Service- description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service- description; Stage 2	N1 S3 T2 T2 T2 T2 T3 S4	Yes	08/03/2002 13/06/2002 08/03/2002 08/03/2002 08/03/2002 07/06/2002 08/03/2002 08/03/2002	yes yes yes yes yes yes yes yes yes
23.035 H 23.038 A 23.039 H A 23.040 T (1) 23.041 T (23.042 C 23.048 S 40 23.057 A 23.066 S (1) 23.067 E 23.072 C 23.078 E 23.079 S	Immediate Service Termination (IST); Stage 2 Alphabets and language specific information Interface Protocols for the Connection of Short- Message Service Centers (SMSCs) to Short- Message Entities (SMEs) Technical realization of Short Message Service- (SMS) Technical realization of Cell Broadcast Service- (CBS) Compression algorithm for SMS Security Mechanisms for the (U)SIM application- teolkit; Stage 2 Tandem Free Operation (TFO); Service- description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service- description; Stage 2	T2 T2 T2 T2 T2 T3 S4	Yes Yes Yes Yes Yes Yes Yes Yes Yes	08/03/2002 08/03/2002 08/03/2002 07/06/2002 08/03/2002 08/03/2002	yes yes yes yes yes
23.038 A 23.039 H A 23.040 T (4) 23.041 T (23.042 G 23.048 S 40 23.053 T 23.060 G (1) 23.067 E 23.067 E 23.072 G 23.078 G 23.079 S	Alphabets and language specific information Interface Protocols for the Connection of Short-Message Service Centers (SMSCs) to Short-Message Entities (SMEs) Technical realization of Short Message Service (SMS) Technical realization of Cell Broadcast Service (CBS) Compression algorithm for SMS Security Mechanisms for the (U)SIM application-teolkit; Stage 2 Tandem Free Operation (TFO); Service-description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service-description; Stage 2	T2 T2 T2 T2 T2 T3 S4	Yes Yes Yes Yes Yes Yes Yes Yes Yes	08/03/2002 08/03/2002 08/03/2002 07/06/2002 08/03/2002 08/03/2002	yes yes yes yes yes
23.039 H N N 23.040 T (4) 23.041 T (23.042 C 23.048 S E 23.057 M 23.060 C (4) 23.067 E 23.067 E 23.072 C 23.078 C 23.079 S	Interface Protocols for the Connection of Short-Message Service Centers (SMSCs) to Short-Message Entities (SMEs) Technical realization of Short Message Service (SMS) Technical realization of Cell Broadcast Service (CBS) Compression algorithm for SMS Security Mechanisms for the (U)SIM application-toolkit; Stage 2 Tandem Free Operation (TFO); Service-description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service-description; Stage 2	T2 T2 T2 T2 T3 S4 T2	Yes Yes Yes Yes Yes Yes Yes	08/03/2002 08/03/2002 07/06/2002 08/03/2002 08/03/2002	yes yes yes yes
23.040	Technical realization of Short Message Service (SMS) Technical realization of Cell Broadcast Service (CBS) Compression algorithm for SMS Security Mechanisms for the (U)SIM application-toolkit; Stage 2 Tandem Free Operation (TFO); Service-description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service-description; Stage 2	T2 T2 T3 S4 T2	Yes Yes Yes	07/06/2002 08/03/2002 08/03/2002	yes yes yes
23.041 T ((23.042 C) 23.048 S E23.053 T E23.067 E E23.066 S ((1) 23.067 E E23.072 C) E23.078 E E23.079 S	Technical realization of Cell Broadcast Service (CBS) Compression algorithm for SMS Security Mechanisms for the (U)SIM application toolkit; Stage 2 Tandem Free Operation (TFO); Service description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service description; Stage 2	T2 T3 S4	Yes Yes Yes	08/03/2002 08/03/2002	yes yes
23.042 C 23.048 S 40 23.053 T 23.057 M 23.060 G 23.066 S (1) 23.067 E e 23.072 C 23.078 C 23.079 S	Compression algorithm for SMS Security Mechanisms for the (U)SIM application toolkit; Stage 2 Tandem Free Operation (TFO); Service description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service description; Stage 2	T3 S4 T2	Yes Yes	08/03/2002	yes
23.048 S	Security Mechanisms for the (U)SIM application- toolkit; Stage 2 Tandem Free Operation (TFO); Service- description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service- description; Stage 2	T3 S4 T2	Yes Yes	08/03/2002	yes
23.053 T d d 23.057 M F E 23.060 G d d 23.067 E 23.072 C 23.078 C E 23.079 S F E	Tandem Free Operation (TFO); Service- description; Stage 2 Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service- description; Stage 2	T2		13/06/2002	VOS
23.067 F 23.060 G 23.066 S (10.23.067 E 23.072 G 23.078 G 23.079 S	Mobile Execution Environment (MExE); Functional description; Stage 2 General Packet Radio Service (GPRS) Service- description; Stage 2		Yes		yes
23.060 G d d 23.066 S ((123.067 E 23.072 G 23.078 G E 23.079 S F G E 23.079 S	General Packet Radio Service (GPRS) Service description; Stage 2	00		08/03/2002	yes
23.066 S (123.067 E 23.072 C 23.078 C E 23.079 S		32	Yes	14/03/2002	yes
23.067 E e 23.072 C 23.078 C E 23.079 S	(MNP) stage 2	N4	Yes	08/03/2002	yes
23.072 C 23.078 C E 23.079 S	Enhanced Multi-Level Precedence and Pre- emption Service (eMLPP); Stage 2	N 4	Yes	08/03/2002	yes
23.078 E 23.079 S	Call Deflection Supplementary Service; Stage 2	N 4	Yes	08/03/2002	yes
23.079 S	Customised Applications for Mobile network- Enhanced Logic (CAMEL); Stage 2	N2	Yes	07/06/2002	yes
	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4	Yes	08/03/2002	yes
	Line Identification supplementary services; Stage 2	N 4	Yes	08/03/2002	yes
23.082 C	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Yes	08/03/2002	yes
23.083 C	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N 4	Yes	08/03/2002	yes
23.084 N	MultiParty (MPTY) Supplementary Service; Stage 2	N 4	Yes	08/03/2002	yes
23.085 C	Closed User Group (CUG) Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes
23.086 A	Advice of Charge (AoC) Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes
23.087 L	User-to-User-Signalling (UUS) supplementary- service; Stage 2	N4	Yes	08/03/2002	yes
23.088 C	Call Barring (CB) Supplementary Service; Stage-	N4	Yes	08/03/2002	yes
23.090 L	Unstructured Supplementary Service Data- (USSD); Stage 2	N4	Yes	08/03/2002	yes
23.091 È	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N 4	Yes	08/03/2002	yes
23.093 T	Technical realization of Completion of Calls to	N4	Yes	08/03/2002	yes
		N4	Yes	08/03/2002	VOS
4 800.82	Busy Subscriber (CCBS); Stage 2 Follow Me Stage 2	N4	Yes	08/03/2002	

Number	Title	WG prime	For- publication?	freeze date	frozen
23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2	N4	Yes	08/03/2002	yes
23.108	Mobile radio interface layer 3 specification corenetwork protocols; Stage 2 (structured procedures)	N1	Yes	07/06/2002	yes
23.116	Super-Charger technical realization; Stage 2	N 4	Yes	08/03/2002	yes
23.119	Gateway Location Register (GLR); Stage2	N 4	Yes	08/03/2002	yes
23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes	08/03/2002	
23.207	End-to-end Quality of Service (QoS) concept and architecture	\$2	Yes	14/03/2002	yes
23.218	IP Multimedia (IM) session handling; IM call- model; Stage 2	N1	Yes	08/03/2002	yes
23.221	Architectural requirements	\$2	Yes	14/03/2002	yes
23.226	Global text telephony (GTT); Stage 2: Architecture	\$2	Yes	08/03/2002	yes
23.228	IP Multimedia Subsystem (IMS); Stage 2	\$2	Yes	14/03/2002	yes
23.236	Intra-domain connection of Radio Access- Network (RAN) nodes to multiple Core Network (CN) nodes	S2	Yes	14/03/2002	yes
23.271	Location Services (LCS); Functional description; Stage 2	\$2	Yes	14/03/2002	yes
23.278	Customised Applications for Mobile network- Enhanced Logic (CAMEL) - IP Multimedia- System (IMS) interworking; Stage 2	N2	Yes	06/12/2002	yes
23.815	Charging implications of IMS architecture	S2	No	14/03/2002	yes
24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes	08/03/2002	yes
24.007	Mobile radio interface signalling layer 3; General-Aspects	N1	Yes	08/03/2002	yes
24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3		Yes	08/03/2002	yes
24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N 4	Yes	08/03/2002	yes
24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Yes	08/03/2002	yes
24.022	Radio Link Protocol (RLP) for circuit switched- bearer and teleservices	N3	Yes	08/03/2002	
24.030	Location Services (LCS); Supplementary service-operations; Stage 3	N4	Yes	08/03/2002	
2 4.067	Enhanced Multi-Level Precedence and Pre- emption service (eMLPP); Stage 3	N4	Yes	08/03/2002	
24.072	Call Deflection Supplementary Service; Stage 3	N4	Yes	08/03/2002	
24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding	N4	Yes	08/03/2002	
2 4.081	Line Identification Supplementary Service; Stage 3		Yes	08/03/2002	
24.082	Call Forwarding supplementary service; Stage 3	N4	Yes	08/03/2002	
24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	N4	Yes	08/03/2002	
24.084	MultiParty (MPTY) Supplementary Service; Stage 3	N4	Yes	08/03/2002	
24.085	Closed User Group (CUG) Supplementary Service; Stage 3	N4	Yes	08/03/2002	
24.086	Advice of Charge (AoC) Supplementary Service; Stage 3		Yes	08/03/2002	
24.087	User-to-User Signalling (UUS); Stage 3	N4	Yes	08/03/2002	
24.088	Call Barring (CB) Supplementary Service; Stage-3	N4	Yes	08/03/2002	yes
24.090	Unstructured Supplementary Service Data- (USSD); Stage 3	N4	Yes	08/03/2002	
24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes

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24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N4	Yes	08/03/2002	yes
24.096	Name Identification Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
24.228	Signalling flows for the IP multimedia call control- based on SIP and SDP; Stage 3	N1	Yes	07/06/2002	yes
24.229	IP Multimedia Call Control Protocol based on SIP and SDP; Stage 3	N1	Yes	07/06/2002	yes
26.071	AMR speech Codec; General description	\$4	Yes	13/06/2002	yes
26.073	AMR speech Codec; C-source code	\$4	Yes	13/06/2002	,
26.074	AMR speech Codec; Test sequences	\$4	Yes	13/06/2002	
26.077	Minimum Performance Requirements for Noise- Suppresser Application to the AMR Speech- Encoder	\$ 4	Yes	13/06/2002	yes
26.090	AMR speech Codec; Transcoding Functions	\$4	Yes	13/06/2002	yes
26.091	AMR speech Codec; Error concealment of lost frames	S 4	Yes	13/06/2002	yes
26.092	AMR speech Codec; comfort noise for AMR- Speech Traffic Channels	S 4	Yes	13/06/2002	yes
26.093	AMR speech Codec; Source Controlled Rate- operation	\$ 4	Yes	13/06/2002	yes
26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	\$ 4	Yes	13/06/2002	yes
26.102	AMR speech Codec; Interface to lu and Uu	\$4	Yes	13/06/2002	yes
26.103	Speech codec list for GSM and UMTS	\$ 4	Yes	14/03/2002	yes
26.104	ANSI-C code for the floating-point Adaptive- Multi-Rate (AMR) speech codec	\$4	Yes	13/06/2002	yes
26.110	Codec for circuit switched multimedia telephony- service; General description	S4	Yes	13/06/2002	yes
26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	\$ 4	Yes	13/06/2002	yes
26.140	Multimedia Messaging Service (MMS); Media- formats and codes	\$ 4	Yes	14/03/2002	yes
26.171	AMR speech codec, wideband; General description	\$ 4	Yes	14/03/2002	yes
26.173	ANSI-C code for the Adaptive Multi Rate (AMR) Wideband speech codec	\$4	Yes	14/03/2002	
26.174	AMR speech codec, wideband; Test sequences	\$4	Yes	14/03/2002	
26.190	Mandatory Speech Codec speech processing- functions AMR Wideband speech codec; Transcoding functions	\$ 4	Yes	14/03/2002	yes
26.191	AMR speech codec, wideband; Error- concealment of lost frames	\$ 4	Yes	14/03/2002	yes
26.192	Mandatory Speech Codec speech processing- functions AMR Wideband Speech Codec; Comfort noise aspects	\$ 4	Yes	14/03/2002	
26.193	AMR speech codec, wideband; Source- Controlled Rate operation	\$ 4	Yes	14/03/2002	yes
26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)	\$ 4	Yes	14/03/2002	yes
26.201	AMR speech codec, wideband; Frame structure	\$ 4	Yes	14/03/2002	yes
26.202	AMR speech codec, wideband; Interface to luand Uu	\$4	Yes	14/03/2002	
26.20 4	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) wideband speech codec	\$ 4	Yes	14/03/2002	yes
26.226	Global text telephony (GTT);Transport of text in the voice channel	\$4	Yes	14/03/2002	yes
26.230	Global text telephony (GTT); Cellular text telephone modem transmitter C-code description	\$ 4	Yes	14/03/2002	yes
26.231	Global text telephony (GTT); Cellular text telephone modem minimum performance requirements	S 4	Yes	14/03/2002	yes

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26.235	Packet switched conversational multimedia- applications; Default codecs	\$4	Yes	14/03/2002	yes
26.911	Codec for Circuit switched Multimedia Telephony	\$4	Yes	13/06/2002	yes
26.975	Service; Terminal Implementor's Guide Performance characterization of the Adaptive	\$4	Yes	13/06/2002	yes
26.976	Multi-Rate (AMR) speech codec Performance characterization of the Adaptive	\$ 4	Yes	07/06/2002	yes
27.001	Multi-Rate Wideband (AMR-WB) speech codec General on Terminal Adaptation Functions (TAF)	N3	Yes	08/03/2002	yes
27.002	for Mobile Stations (MS) Terminal Adaptation Functions (TAF) for services	N3	Yes	08/03/2002	yes
27.003	using Asynchronous bearer capabilities Terminal Adaptation Functions (TAF) for services	N3	Yes	08/03/2002	yes
27.005	using Synchronous bearer capabilities Use of Data Terminal Equipment - Data Circuit- terminating Equipment (DTE-DCE) interface for- Short Message Service (SMS) and Cell- Broadcast Service (CBS)	T2	Yes	08/03/2002	yes
27.007	AT command set for 3G User Equipment (UE)	T2	Yes	08/03/2002	VAC
27.010	Terminal Equipment to User Equipment (TE-UE)-multiplexer protocol	T2	Yes	08/03/2002	-
27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	84	Yes	08/03/2002	yes
27.103	Wide Area Network Synchronization	T2	Yes	08/03/2002	VAS
28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3		Yes	14/03/2002	
29.002	Mobile Application Part (MAP) specification	N4	Yes	08/03/2002	VAS
29.007	General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	N3	Yes	08/03/2002	yes
29.010	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)	N4	Yes	08/03/2002	yes
29.011	Signalling Interworking for Supplementary Services	N4	Yes	08/03/2002	yes
29.013	Signalling interworking between ISDN- supplementary services Application Service- Element (ASE) and Mobile Application Part- (MAP) protocols	N4	Yes	08/03/2002	yes
29.016	Serving GPRS Support Node SGSN - Visitors- Location Register (VLR); Gs Interface Network Service Specification	N1	Yes	08/03/2002	yes
29.018	General Packet Radio Service (GPRS); Serving- GPRS Support Node (SGSN) - Visitors Location- Register (VLR); Gs interface layer 3 specification	N1	Yes	08/03/2002	yes
29.060	General Packet Radio Service (GPRS); GPRS- Tunnelling Protocol (GTP) across the Gn and Gp- interface	N4	Yes	08/03/2002	yes
29.061	Interworking between the Public Land Mobile- Network (PLMN) supporting Packet Based- services and Packet Data Networks (PDN)	N3	Yes	06/09/2002	yes
29.078	Customised Applications for Mobile network- Enhanced Logic (CAMEL); CAMEL Application- Part (CAP) specification	N2	Yes	07/06/2002	yes
29.207	Policy control over Go interface	N3	Yes	07/06/2002	VOS
29.208	End to end Quality of Service (QoS) signalling flows	N3	Yes	07/06/2002	
29.228	IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents	N4	Yes	07/06/2002	yes

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29.229	Cx and Dx interfaces based on the Diameter- protocol: Protocol details	N4	Yes	07/06/2002	yes
29.278	Customised Applications for Mobile network- Enhanced Logic (CAMEL); CAMEL Application- Part (CAP) specification for IP Multimedia- Subsystems (IMS)	N2	Yes	06/12/2002	yes
29.328	IP Multimedia Subsystem (IMS) Sh interface- signalling flows and message contents	N4	Yes	07/06/2002	yes
29.329	Sh interface based on the Diameter protocol	N 4	Yes	07/06/2002	yes
29.99 4	Recommended infrastructure measures to evercome specific Mobile Station (MS) and User-Equipment (UE) faults	N1	Yes	14/03/2002	yes
30.902	Guidelines for the modification of the Mobile- Application Part (MAP)	N4	No	14/03/2002	yes
31.048	Test specification for security mechanisms for the (U)SIM application toolkit	T3	Yes	19/09/2003	-
31.103	Characteristics of the ISIM application	T3	Yes	07/06/2002	VOS
31.111	USIM Application Toolkit (USAT)	T3	Yes	08/03/2002	
32.200	Telecommunication management; Charging- management; Charging principles	\$5	Yes	12/09/2002	
32.225	Telecommunication management; Charging- management; Charging data description for the IP Multimedia Subsystem (IMS)	\$5	Yes	12/09/2002	yes
32.311	Telecommunication management; Generic- Integration Reference Point (IRP) management; Requirements	\$5	Yes	14/03/2002	yes
32.401	Telecommunication management; Performance- Management (PM); Concept and requirements	\$5	Yes	14/03/2002	yes
32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM	\$5	Yes	14/03/2002	yes
32.600	Telecommunication management; Configuration- Management (CM); Concept and high-level- requirements	\$5	Yes	12/09/2002	yes
32.601	Telecommunication management; Configuration- Management (CM); Basic CM Integration- Reference Point (IRP): requirements	\$5	Yes	12/09/2002	yes
32.602	Telecommunication management; Configuration- Management (CM); Basic Configuration- Management Integration Reference Point (IRP)- information service	\$5	Yes	12/09/2002	yes
32.603	Telecommunication management; Configuration- Management (CM); Basic Configuration- Management Integration Reference Point (IRP):- CORBA solution set	\$5	Yes	12/09/2002	yes
32.621	Telecommunication management; Configuration- Management (CM); Generic network resources- Integration Reference Point (IRP): requirements	\$5	Yes	12/09/2002	yes
32.622	Telecommunication management; Configuration- Management (CM); Generic network resources- Integration Reference Point (IRP): Network- Resource Model (NRM)	\$5	Yes	12/09/2002	yes
32.623	Telecommunication management; Configuration- Management (CM); Generic network resources- Integration Reference Point (IRP): CORBA- solution set	\$5	Yes	12/09/2002	yes
32.624	Telecommunication management; Configuration- Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution- set	\$5	Yes	12/09/2002	yes
32.625	Telecommunication management; Configuration- Management (CM); Generic network resources- Integration Reference Point (IRP): Bulk CM- eXtensible Markup Language (XML) file format- definition	\$5	Yes	14/03/2002	yes

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32.632	Telecommunication management; Configuration- Management (CM); Core Network Resources- Integration Reference Point (IRP): Network- Resource Model (NRM)	\$5	Yes	12/09/2002	yes
32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set	\$5	Yes	12/09/2002	
32.63 4	Telecommunication management; Configuration- Management (CM); Core network resources- Integration Reference Point (IRP): CMIP solution- set	\$5	Yes	12/09/2002	yes
32.635	Telecommunication management; Configuration- Management (CM); Core network resources- Integration Reference Point (IRP): Bulk CM- eXtensible Markup Language (XML) file format- definition	\$5	Yes	13/06/2002	yes
32.651	Telecommunication management; Configuration- Management (CM); GERAN network resources- Integration Reference Point (IRP): requirements	\$5	Yes	12/09/2002	yes
32.652	Telecommunication management; Configuration Management (CM); GERAN network resources-Integration Reference Point (IRP): Network-Resource Model (NRM)	\$5	Yes	12/09/2002	yes
32.653	Telecommunication management; Configuration- Management (CM); GERAN network resources- Integration Reference Point (IRP): CORBA- solution set	\$5	Yes	12/09/2002	yes
32.654	Telecommunication management; Configuration- Management (CM); GERAN network resources- Integration Reference Point (IRP): CMIP solution- set	\$5	Yes	12/09/2002	yes
32.655	Telecommunication management; Configuration- Management (CM); GERAN network resources- Integration Reference Point (IRP): Bulk CM- eXtensible Markup Language (XML) file format- definition	\$5	Yes	13/06/2002	yes
32.691	Telecommunication management; Inventory- management network resources Integration- Reference Point (IRP): Requirements	\$5	Yes	12/09/2002	yes
32.692	Telecommunication management; Inventory- management network resources Integration- Reference Point (IRP): Network resource model	\$5	Yes	12/09/2002	yes
33.203	3G security; Access security for IP-based services	S3	Yes	14/03/2002	yes
33.210	3G security; Network Domain Security (NDS); IP- network layer security	\$3	Yes	14/03/2002	
41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	S3	Yes	14/03/2002	
41.033	Lawful Interception requirements for GSM	\$3	Yes	14/03/2002	
41.103 4 2.019	GSM Release 5 specifications Subscriber Identity Module Application	SP T3	Yes Yes	13/06/2002 08/03/2002	
	Programming Interface (SIM API); Stage 1				
42.033 42.043	Lawful Interception; Stage 1 Support of Localised Service Area (SoLSA);	S3 S1	Yes Yes	14/03/2002 13/06/2002	
42.056	Service description; Stage 1 GSM Cordless Telephony System (CTS), Phase- 1; Service description; Stage 1	\$1	Yes	13/06/2002	yes
42.068	Voice Group Call Service (VGCS); Stage 1	S1	Yes	13/06/2002	yes
42.069	Voice Broadcast Service (VBS); Stage 1	S 1	Yes	13/06/2002	
43.005	Technical performance objectives	NP	Yes	08/03/2002	yes
43.010	GSM Public Land Mobile Network (PLMN) connection types	N3	Yes	08/03/2002	
43.013	Discontinuous Reception (DRX) in the GSM- system	G1	Yes	28/06/2002	yes

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43.019	Subscriber Identity Module Application	13	Yes	08/03/2002	yes
	Programming Interface (SIM API) for Java Card; Stage 2				
4 3.020	Security-related network functions	\$3	Yes	13/06/2002	
43.022	Functions related to Mobile Station (MS) in idle- mode and group receive mode	G1	Yes	28/06/2002	yes
4 3.026	Multiband operation of GSM / DCS 1800 by a single operator	G1	Yes	28/06/2002	yes
43.030	Radio network planning aspects	G1	Yes	28/06/2002	VAS
43.033	Lawful Interception; Stage 2	S3	Yes	14/03/2002	
43.045	Technical Realization of Facsimile Group 3	N3	Yes	08/03/2002	
43.050	Service - transparent Transmission Planning Aspects of the Speech	\$4	Yes	14/03/2002	
13.030	Service in the GSM Public Land Mobile Network (PLMN) System	04	103	14/03/2002	yes
43.051	GSM/EDGE Radio Access Network (GERAN) everall description; Stage 2	G1	Yes	19/04/2002	yes
43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2	G1	Yes	28/06/2002	yes
4 3.055	Dual Transfer Mode (DTM); Stage 2	G1	Yes	28/06/2002	VAS
43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	\$4	Yes	13/06/2002	
43.059	Functional stage 2 description of Location Services (LCS) in GERAN	G1	Yes	19/04/2002	yes
43.064	Overall description of the GPRS radio interface; Stage 2	G1	Yes	19/04/2002	yes
13.068	Voice Group Call Service (VGCS); Stage 2	N1	Yes	08/03/2002	VOS
13.069	Voice Broadcast service (VBS); Stage 2	N1	Yes	08/03/2002	-
43.073	Support of Localised Service Area (SoLSA); Stage 2	N4	Yes	13/06/2002	
43.130	lur-g interface; Stage 2	G1	Yes	30/08/2002	VOS
43.900	Support for voice optimization for the IMS in the GERAN	G1	Yes	28/06/2002	
14.001	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Yes	08/03/2002	yes
44.003	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	Yes	30/08/2002	yes
44.004	Layer 1 - General Requirements	G2	Yes	19/04/2002	VOC
44.004 44. 005	Data Link (DL) Layer General Aspects	G2	Yes	30/08/2002	
44.005 44.006	Mobile Station - Base Stations System (MS -	G2	Yes	30/08/2002	
44.000	BSS) Interface Data Link (DL) Layer Specification	92	105	30/06/2002	yes
44.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Yes	30/08/2002	yes
44.013	Performance Requirements on Mobile Radio- Interface	N1	Yes	08/03/2002	yes
44.014	Individual equipment type requirements and interworking; Special conformance testing functions	G2	Yes	30/08/2002	yes
44.018	Mobile radio interface layer 3 specification; Radio Resource Control Protocol	G2	Yes	19/04/2002	yes
44.021	Rate Adaption on the Mobile Station - Base- Station System (MS-BSS) Interface	N3	Yes	08/03/2002	yes
11.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio- Resource LCS Protocol (RRLP)	G2	Yes	19/04/2002	yes
14.035	Location Services (LCS); Broadcast network- assistance for Enhanced Observed Time- Difference (E-OTD) and Global Positioning- System (GPS) positioning methods	G2	Yes	30/08/2002	
44. 056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	N1	Yes	08/03/2002	yes

44.060 General Fatation (Natariana) 44.064 Mebile Station (Natariana) 44.065 Mebile Station (Natariana) 44.068 Group Castana) 44.069 Broadcastana 44.071 Locational L	Title	WG- prime	For- publication?	freeze date	frozen
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14.065 Mobile St. Node (SC. Converge 14.068 Group Ca 14.069 Breadcas 14.071 Location- layer 3 LC 14.118 Mobile ra Resource 14.160 General F Station (N interface; Control (F 14.901 External r 15.001 Physical I description 15.002 Multiplexi path 15.003 Channel r 15.004 Modulation 15.005 Radio sul 15.006 Radio sul 15.007 Radio sul 15.008 Radio sul 15.009 Link adap 15.009 Link adap 15.010 Radio sul 15.020 Radio link 15.050 Backgrou 15.050 CTS-FP F 16.001 Full Rate 16.002 Half Rate 16.003 Half Rate 16.004 Full rate spee 16.007 Half Rate 16.008 Half Rate 16.008 Half Rate 16.001 Full rate spee 16.010 Full rate spee 16.011 Substituti Rate Spee 16.012 Comfort N Traffic Cr 16.021 Half rate spee 16.021 Half rate spee 16.022 Comfort N Traffic Cr 16.031 Discontin Speech T 16.032 Voice Act 16.031 Discontin	SN) Logical Link Control (LLC) Layer				
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Converge 44.068 Group Ca 44.069 Breadcas 44.071 Location- layer 3 LC 44.118 Mobile ra Resource 44.160 General F Station (A interface; Control (F 44.901 External r 45.001 Physical I description 45.002 Multiplexi path 45.003 Channel of 45.004 Modulation 45.005 Radio tra 45.006 Radio sul 45.009 Link adap 45.010 Radio sul 45.020 Radio sul 45.050 Backgrou 45.050 Backgrou 45.050 Backgrou 45.050 Half Rate 46.001 Full Rate 46.002 Half Rate 46.003 Half Rate 46.004 Substituti Rate Spe 46.010 Full rate of 46.011 Substituti Rate Spe 46.012 Comfort N Traffic Cr 46.021 Half Rate 46.021 Half Rate 46.021 Comfort N Traffic Cr 46.021 Discontin Speech T 46.032 Voice Act 46.041 Discontin	Station (MS) - Serving GPRS Support	N1	Yes	08/03/2002	yes
14.068 Group Ca 14.069 Broadcas 14.071 Location layer 3 L0 14.118 Mobile ra Resource 14.160 General F Station (N interface; Control (F 14.901 External r 15.001 Physical I description 15.002 Multiplexi path 15.003 Channel of 15.004 Modulation 15.005 Radio sult 15.008 Radio sult 15.009 Link adap 15.009 Link adap 15.010 Radio sult 15.020 Radio sult 15.050 Backgrout 15.050 Backgrout 15.050 Half Rate 16.001 Full Rate 16.002 Half Rate 16.003 Half Rate 16.004 Full rate spee 16.007 Half Rate 16.010 Full rate of 16.011 Substituti Rate Spee 16.012 Comfort N Traffic Cr 16.020 Half Rate 16.021 Half rate 16.021 Gomfort N Traffic Cr 16.021 Discontin Speech T 16.032 Voice Act 16.031 Discontin	GSN); Subnetwork Dependent				
44.069 Broadcas 44.071 Location layer 3 L0 44.071 Mobile ra Resource 44.160 General F Station (A interface) 44.160 External ra 45.001 Physical I description 45.002 Multiplexi path 45.003 Channel of Modulation 45.004 Modulation 45.005 Radio sult 45.008 Radio sult 45.009 Link adap 45.010 Radio sult 45.020 Radio sult 45.050 Backgrout 45.050 Backgrout 45.050 Half Rate 46.001 Full Rate 46.002 Half Rate 46.003 Half Rate 46.004 Full rate of the GS 46.010 Full rate of the GS 46.011 Substituti Rate Spee 46.012 Comfort Paraffic Cr 46.021 Half Rate 46.021 Half rate of the GS 46.021 Discontin Speech T 46.032 Voice Act 46.031 Discontin	ence Protocol (SNDCP)				
14.071 Location layer 3 L0 14.118 Mobile ra Resource 14.160 General F Station (A interface; Control (F Station (A interface)) 15.001 External rational ratio	all Control (GCC) Protocol	N1	Yes	08/03/2002	
layer 3 Ld 14.118 Mobile ra Resource 14.160 General F Station (N interface; Control (F 14.901 External r 15.001 Physical I description 15.002 Multiplexi path 15.003 Channel of 15.004 Modulation 15.005 Radio tra 15.008 Radio sul 15.009 Link adap 15.010 Radio sul 15.022 Radio link 15.050 Backgrou 15.050 Backgrou 15.050 Half Rate 16.001 Full Rate 16.002 Half Rate 16.002 Half Rate 16.003 Half Rate 16.004 Full-rate of 16.014 Substituti Rate Spe 16.015 Comfort N Traffic Ch 16.020 Half Rate 16.021 Half Rate 16.021 Comfort N Traffic Ch 16.022 Comfort N Traffic Ch 16.023 Voice Act 16.032 Voice Act 16.032 Voice Act 16.032 Voice Act 16.034 Discontin	st Call Control (BCC) protocol	N1	Yes	08/03/2002	
14.118 Mobile ra Resource 14.160 General F Station (N interface; Control (F 14.901 External r 15.001 Physical I description 15.002 Multiplexi path 15.003 Channel of 15.004 Modulation 15.005 Radio sul 15.008 Radio sul 15.009 Link adap 15.010 Radio sul 15.022 Radio link 15.050 Backgrou 15.050 Backgrou 15.050 Half Rate 16.001 Full Rate 16.002 Half Rate 16.003 Half Rate 16.004 Full rate of the Gs 16.014 Substituti Rate Spe 16.015 Comfort N Traffic Ch 16.021 Half Rate 16.021 Half Rate 16.021 Half Rate 16.021 Comfort N Traffic Ch 16.022 Comfort N Traffic Ch 16.021 Half Rate 16.021 Half Rate 16.022 Comfort N Traffic Ch 16.021 Half Rate 16.022 Comfort N Traffic Ch 16.032 Voice Act 16.032 Voice Act 16.034 Discontin	Services (LCS); Mobile radio interface	G2	Yes	30/08/2002	yes
Resource Station (N interface; Control (F 14.901 External r 15.001 Physical I description 15.002 Multiplexi path 15.003 Channel of 15.004 Modulation 15.005 Radio sul 15.008 Radio sul 15.009 Link adap 15.010 Radio sul 15.022 Radio link 15.050 Backgrou 15.050 Backgrou 15.050 Half Rate 16.001 Full Rate 16.002 Half Rate 16.005 Half Rate 16.006 Half Rate 16.007 Half Rate 16.011 Substituti Rate Spee 16.011 Substituti Rate Spee 16.012 Comfort N Traffic Ch 16.021 Half Rate 16.021 Half Rate 16.021 Half Rate 16.021 Comfort N Traffic Ch 16.022 Comfort N Traffic Ch 16.021 Discontin Speech T 16.032 Voice Act 16.031 Discontin	.CS specification				
44.160 General F Station (N interface; Control (F 44.901 External r 45.001 Physical I description 45.002 Multiplexi path 45.003 Channel of 45.004 Modulation 45.005 Radio sul 45.008 Radio sul 45.009 Link adap 45.010 Radio sul 45.022 Radio link 45.050 Backgrou 45.050 Backgrou 45.050 Half Rate 46.001 Full Rate 46.002 Half Rate 46.003 Half Rate 61.006 Half Rate 61.007 Half Rate 61.008 Half Rate 61.009 Half Rate 61.009 Half Rate 61.001 Full rate 61.002 Comfort 61.002 Full rate 61.003 Full rate 61.004 Full rate 61.005 Full rate 61.005 Full rate 61.006 Full rate 61.007 Full rate 61.008 Full rate 61.008 Full rate 61.009 Full rate 61.009 Full rate 61.009 Full rate 61.009 Full rate 61.000 Full rate 61.00	adio interface layer 3 specification, Radio e Control (RRC) protocol lu mode	G2	Yes	19/04/2002	yes
Station (No interface; Control (Full-rate) 15.001 Physical I description 15.002 Multiplexis path 15.003 Channel (I description) 15.004 Modulation 15.005 Radio transistation 15.008 Radio sultiplexis path 15.009 Link adap 15.009 Link adap 15.009 Link adap 15.010 Radio sultiplexis path 15.050 Backgrout 15.050 Backgrout 15.050 Backgrout 15.050 Half Rate 16.001 Full Rate 16.002 Half Rate 16.005 Half Rate 16.006 Half Rate 16.011 Substitutific Rate Spect 16.012 Comfort No Traffic Chance (I description) 16.021 Half Rate 16.021 Half Rate 16.021 Half Rate 16.022 Comfort No Traffic Chance (I description) 16.032 Voice Act 16.032 Voice Act 16.031 Discontin 15 Discontin	Packet Radio Service (GPRS): Mobile	G2	Yes	19/04/2002	ves
interface; Control (f 44.901 External is 45.001 Physical Is 45.002 Multiplexis path 45.003 Channel is 45.004 Modulation 45.005 Radio tra 45.008 Radio sul 45.009 Link adap 45.010 Radio sul 45.022 Radio link 45.050 Backgrou 45.050 Backgrou 45.050 Half Rate 46.001 Full Rate 46.002 Half Rate 46.003 Half Rate 61.006 Half Rate 61.007 Half Rate 61.008 Half Rate 61.008 Half Rate 61.009 Half Rate 61.009 Half Rate 61.009 Half Rate 61.001 Full rate 61.001	MS) - Base Station System (BSS)			. 5.52552	,
44.901 External to the second	; Radio Link Control/ Medium Access				
44.901 External to the second	(RLC/MAC) protocol for lu mode				
description 45.002 Multiplexis path 45.003 Channel of the	network assisted cell change (NACC)	G2	Yes	19/04/2002	yes
45.002 Multiplexi path 45.003 Channel of the	layer on the radio path; General	G1	Yes	19/04/2002	
path 45.003 Channel of the trait of the GS 46.010 Half Rate of the GS 46.010 Half Rate of the GS 46.010 Half Rate of the GS 46.011 Comfort Nate of the GS 46.021 Half Rate of the GS 46.021 Half Rate of the GS 46.021 Half Rate of the GS 46.032 Comfort Nate of the GS 46.031 Discontin Speech T 46.032 Voice Act 46.032 Voice Act 46.031 Discontin Discontin	on				
45.003 Channel of the training of the GS the	king and multiple access on the radio	G1	Yes	19/04/2002	yes
15.004 Modulation 15.005 Radio train 15.008 Radio sul 15.009 Link adap 15.010 Radio sul 15.022 Radio link 15.050 Backgrou 15.056 CTS-FP In the sull rate speces 16.001 Full Rate 16.002 Half Rate 16.007 Half Rate 16.008 Half Rate 16.010 Full-rate of the GS 16.011 Substituti 16.012 Comfort North Traffic Che 16.021 Half rate 16.021 Half rate 16.022 Comfort North Traffic Che 16.021 Half rate 16.021 Half rate 16.022 Comfort North Traffic Che 16.021 Half rate 16.022 Comfort North Traffic Che 16.023 Voice Act 16.032 Voice Act 16.034 Discontin	and the second	04	V	40/04/0000	
15.005 Radio tra 15.008 Radio sul 15.009 Link adap 15.010 Radio sul 15.022 Radio link 15.050 Backgrou 15.056 CTS-FP I 16.001 Full Rate 16.002 Half Rate 16.007 Half Rate 16.008 Half Rate 16.008 Half Rate 16.010 Full-rate of the GS 16.011 Substituti Rate Spe 16.012 Comfort N Traffic Ch 16.021 Half rate 16.021 Half rate 16.022 Comfort N Traffic Ch 16.021 Half rate 16.021 Half rate 16.022 Comfort N Traffic Ch 16.031 Discontin Speech T 16.032 Voice Act 16.041 Discontin		G1	Yes	19/04/2002	
45.008 Radio sul 45.009 Link adap 45.010 Radio sul 45.022 Radio link 45.050 Backgrou 45.056 CTS-FP I 46.001 Full Rate 46.002 Half Rate 46.006 Half-rate-rate spee 46.007 Half Rate Rate Spee Half Rate 46.008 Half Rate 96-010 Full-rate end 46.011 Substituti 16.012 Comfort N 46.020 Half Rate 46.021 Half rate 46.022 Comfort N Traffic Cr 46.031 Discontin Speech T 46.032 Voice Act 46.041 Discontin		G1	Yes	19/04/2002	
45.009 Link adap 45.010 Radio sul 45.022 Radio link 45.050 Backgrou 45.056 CTS-FP II 46.001 Full Rate 46.002 Half Rate 46.007 Half Rate Rate Spee 46.008 Half Rate of the GS 46.010 Full-rate 46.011 Substituti Rate Spee 46.012 Comfort II Traffic CII 46.021 Half rate frames fo 46.022 Comfort II Traffic CII 46.031 Discontin Speech II	ansmission and reception	G1	Yes	19/04/2002	
45.010 Radio sult 45.022 Radio link 45.050 Backgrou 45.056 CTS-FP F 46.001 Full Rate 46.002 Half Rate 46.007 Half Rate Rate Spee 46.008 Half Rate of the GS 46.010 Full-rate of 46.011 Substituti Rate Spe 46.012 Comfort F Traffic Cr 46.020 Half Rate frames fo 46.021 Half rate frames fo 46.022 Comfort F Traffic Cr 46.021 Discontin Speech T 46.032 Voice Act 46.041 Discontin	ubsystem link control	G1	Yes	19/04/2002	
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45.050 Backgroud 45.056 CTS-FP-F 46.001 Full Rate 46.002 Half-Rate 46.006 Half-rate rate spee 46.007 Half-Rate Rate Spee 46.008 Half-Rate of the GS 46.010 Full-rate 46.011 Substituti Rate Spee 46.012 Comfort Fraffic Cr 46.021 Half-Rate 46.021 Half-Rate 46.021 Half-Rate 46.022 Comfort Fraffic Cr 46.031 Discontin Speech T 46.032 Voice Act 46.041 Discontin	ubsystem synchronization	G1	Yes	28/06/2002	
45.056 CTS-FP F 46.001 Full Rate 46.002 Half Rate 46.006 Half-rate rate spee 46.007 Half Rate Rate Spee 46.008 Half Rate of the GS 46.010 Full-rate of 46.011 Substituti Rate Spee 46.012 Comfort N Traffic Ch 46.020 Half Rate 46.021 Half rate frames fo 46.022 Comfort N Traffic Ch 46.023 Voice Act 46.031 Discontin Speech T 46.032 Voice Act 46.041 Discontin	k management in hierarchical networks	G1	Yes	28/06/2002	
46.001 Full Rate 46.002 Half Rate 46.006 Half-rate rate spee 46.007 Half Rate Rate Spee 46.008 Half Rate of the GS 46.010 Full-rate of 46.011 Substituti Rate Spee 46.012 Comfort N Traffic Cr 46.020 Half Rate 46.021 Half rate frames fo 46.022 Comfort N Traffic Cr 46.031 Discontin Speech T 46.032 Voice Act 46.041 Discontin	und for RF Requirements	G1	Yes	28/06/2002	
46.002 Half Rate 46.006 Half-rate- rate spee 46.007 Half Rate Rate Spee 46.008 Half Rate of the GS 46.010 Full-rate of 46.011 Substituti Rate Spee 46.012 Comfort N Traffic Ch 46.020 Half Rate 46.021 Half rate frames fo 46.022 Comfort N Traffic Ch 46.021 Half rate frames fo 46.022 Comfort N Traffic Ch 46.021 Discontin Speech T 46.032 Voice Act 46.041 Discontin		G1	Yes	28/06/2002	
46.006 Half-rate-rate spee 46.007 Half Rate 46.008 Half Rate 96 the GS 46.010 Full-rate of the GS 46.011 Substituti Rate Spee 46.012 Comfort Nate CP 46.020 Half Rate 46.021 Half rate of frames for 46.022 Comfort Nate of frames for 46.023 Voice Act 46.031 Discontin Speech T 46.032 Voice Act 46.041 Discontin	Speech Processing Functions	\$4	Yes	13/06/2002	
rate spee 46.007 Half Rate Rate Spe 46.008 Half Rate of the GS 46.010 Full-rate of 46.011 Substituti Rate Spe 46.012 Comfort N Traffic Ch 46.020 Half Rate 46.021 Half rate frames fo 46.022 Comfort N Traffic Ch 46.021 Discontin Speech T 46.032 Voice Act 46.041 Discontin	e Speech Processing Functions	\$ 4	Yes	13/06/2002	
46.007 Half Rate Rate Spe 46.008 Half Rate of the GS 46.010 Full-rate of 46.011 Substituti Rate Spe 46.012 Comfort N Traffic Ch 46.020 Half Rate 46.021 Half rate of frames fo 46.022 Comfort N Traffic Ch 46.021 Discontin Speech T 46.032 Voice Act 46.041 Discontin	speech: ANSI-C code for GSM half-	\$ 4	Yes	13/06/2002	yes
Rate Spe 46.008 Half Rate of the GS 46.010 Full-rate of 46.011 Substituti Rate Spe 46.012 Comfort N Traffic Ch 46.020 Half Rate 46.021 Half rate of frames fo 46.022 Comfort N Traffic Ch 46.031 Discontin Speech T 46.032 Voice Act 46.041 Discontin		0.4	V	40/00/0000	
46.008 Half Rate of the GS 46.010 Full-rate of the GS 46.011 Substituti Rate Spe 46.012 Comfort National Traffic Ch 46.020 Half Rate of frames fo 46.021 Comfort National Traffic Ch 46.022 Comfort National Traffic Ch 46.031 Discontin Speech T 46.032 Voice Act 46.041 Discontin	e Speech: Test Sequence for GSM Half	\$ 4	Yes	13/06/2002	yes
ef the GS 46.010 Full-rate (46.011 Substitution Rate Spe 46.012 Comfort No Traffic Ch 46.020 Half Rate (46.021 Half rate (46.022 Comfort No Traffic Ch 46.031 Discontin Speech T 46.032 Voice Act 46.041 Discontin	eech Codec e Speech: Performance Characterization	C4	Yes	13/06/2002	
46.010 Full rate state Special Rate Special	e Speech, Performance Characterization SM Half Rate speech codec	34	1 0 S	13/00/2002	yes
46.011 Substituti Rate Spe 46.012 Comfort I Traffic Cl: 46.020 Half Rate 46.021 Half rate I frames fo 46.022 Comfort I Traffic Cl: 46.031 Discontin Speech T 46.032 Voice Act 46.041 Discontin	speech transcoding	S 4	Yes	13/06/2002	V00
Rate Spe 46.012 Comfort N Traffic Ch 46.020 Half Rate 46.021 Half rate of frames fo 46.022 Comfort N Traffic Ch 46.031 Discontin Speech T 46.032 Voice Act 46.041 Discontin	tion and Muting of Lost Frames for Full	\$4	Yes	13/06/2002	
46.012 Comfort Natifie Character Frames for Half rate of Frames for Half rate of Ha	eech Channels	34	105	13/00/2002	yes
Traffic Cl: 46.020 Half Rate 46.021 Half rate of frames for 46.022 Comfort No. Traffic Cl: 46.031 Discontin Speech Tolean Voice Act 46.032 Voice Act 46.041 Discontin	Noise Aspects for Full Rate Speech	\$ 4	Yes	13/06/2002	VOC
46.020 Half Rate 46.021 Half rate (frames for frames for frames) 46.022 Comfort Name Traffic Character Speech Traffic Act (Act (Act (Act (Act (Act (Act (Act		01	100	10/00/2002	700
46.021 Half rate of frames for the f	e Speech Transcoding	S4	Yes	13/06/2002	VOC
frames for the feature of the featur	speech; Substitution and muting of lost	S4	Yes	13/06/2002	-
46.022 Comfort P Traffic Ch 46.031 Discontin Speech T 46.032 Voice Act 46.041 Discontin	or half rate speech traffic channels	0 1	100	10/00/2002) 0 0
Traffic Ch 46.031 Discontin Speech T 46.032 Voice Act 46.041 Discontin	Noise Aspects for Half Rate Speech	S4	Yes	13/06/2002	VOC
46.031 Discontin Speech T 46.032 Voice Act 46.041 Discontin		"		10/00/2002	,00
Speech T 46.032 Voice Act 46.041 Discontin	nuous Transmission (DTX) for Full Rate	S4	Yes	13/06/2002	ves
46.032 Voice Act 46.041 Discontin	Traffic Channels	-		. 3, 33, 2002	, 55
46.041 Discontin	ctivity Detection (VAD)	\$ 4	Yes	13/06/2002	Ves
	nuous Transmission (DTX) for Half Rate	S4	Yes	13/06/2002	
Speech T	Traffic Channels	-	. 55	10,00,2002	, 00
	etivity Detection (VAD) for Half Rate	S4	Yes	13/06/2002	ves
	Traffic Channels	-		. 5, 55, 2552	,
	hanced full rate speech processing	\$ 4	Yes	13/06/2002	VOS

Number	Title Title	WG- prime	For- publication?	freeze date	frozen
46.053	ANSI-C code for the GSM Enhanced full rate- speech codec	\$ 4	Yes	13/06/2002	yes
46.054	Test sequences for the GSM Enhanced Full Rate (EFR)	S 4	Yes	13/06/2002	yes
46.055	Performance characterisation of the GSM EFR- Speech Codec	\$4	Yes	13/06/2002	yes
46.060	Enhanced full rate speech transcoding	\$ 4	Yes	13/06/2002	yes
46.061	Substitution and muting of lost frames for encanced full rate speech traffic channels	\$4	Yes	13/06/2002	yes
46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4	Yes	13/06/2002	yes
46.081	Discontinuous Transmission (DTX) for encanced- full rate speech traffic channels	\$ 4	Yes	13/06/2002	yes
4 6.082	Voice Activity Detection (VAD) for encanced full- rate speech traffic channels	\$ 4	Yes	13/06/2002	yes
4 6.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	\$ 4	Yes	13/06/2002	yes
4 8.001	General Aspects on the BSS-MSC Interface	G2	Yes	30/08/2002	VAS
48.001 4 8.002	Base Station System - Mobile Services Switching		Yes	19/04/2002	
40.002	Centre (BSS-MSC) Interface - Interface Principles	92	100	18/04/2002	y 0 0
48.004	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1- Specification	G2	Yes	30/08/2002	yes
48.006	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	Yes	30/08/2002	yes
48.008	Mobile Switching Centre - Base Station system- (MSC-BSS) Interface Layer 3 Specification	G2	Yes	19/04/2002	yes
48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	G2	Yes	30/08/2002	yes
4 8.016	General Packet Radio Service (GPRS); Base- Station System (BSS) - Serving GPRS Support- Node (SGSN) Interface; Network Service	G2	Yes	19/04/2002	yes
48.018	General Packet Radio Service (GPRS); Base- Station System (BSS) - Serving GPRS Support- Node (SGSN); BSS GPRS Protocol	G2	Yes	19/04/2002	yes
48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Yes	08/03/2002	yes
48.031	Location Services LCS: Serving Mobile Location- Centre - Serving Mobile Location Centre (SMLC- -SMLC); SMLCPP specification	G2	Yes	28/06/2002	yes
48.051	Base Station Controller - Base Tranceiver- Station (BSC-BTS) Interface General Aspects	G2	Yes	30/08/2002	yes
48.052	Base Station Controller - Base Tranceiver- Station (BSC-BTS) Interface - Interface Principles	G2	Yes	30/08/2002	yes
48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits	G2	Yes	30/08/2002	yes
48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2- specification	G2	Yes	30/08/2002	yes
48.058	Base Station Controler - Base Transceiver- Station (BCS-BTS) Interface Layer 3- Specification	G2	Yes	19/04/2002	yes
48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels	G1	Yes	19/04/2002	yes
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Number	Title	WG- prime	For- publication?	freeze date	frozen
48.071	Location Services (LCS); Serving Mobile	G2	Yes	30/08/2002	yes
	Location Centre - Base Station System (SMLC-				
	BSS) interface; Layer 3 specification				
49.001	General network interworking scenarios	N 4	Yes	08/03/2002	yes
49.008	Application of the Base Station System	N1	Yes	08/03/2002	yes
	Application Part (BSSAP) on the E-Interface				_
49.031	Location Services (LCS); Base Station System	G2	Yes	19/04/2002	yes
	Application Part LCS Extension (BSSAP-LE)				_
51.010-1	Mobile Station (MS) conformance specification;	G5	Yes	14/03/2002	yes
	Part 1: Conformance specification				
51.010-2	Mobile Station (MS) conformance specification;	G5	Yes	30/08/2002	yes
	Part 2: Protocol Implementation Conformance				
	Statement (PICS) proforma specification				
51.013	Test specification for SIM API for Java card	T3	Yes	14/03/2002	yes
51.021	GSM radio aspects base station system- equipment specification	G3	Yes	28/06/2002	yes
51.026	GSM Repeater Equipment Specification	G 3	Yes	28/06/2002	yes
52.021	Network Management (NM) Procedures and	G3	Yes	28/06/2002	yes
	Messages on the A-bis Interface				
52.402	Telecommunication management; Performance- Management (PM); Performance measurements	\$5	Yes	12/12/2002	yes
	-GSM				

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Summary of chan	ge:೫ S	ee title.									
Consequences if not approved:	₩ C	confusion (over Release	contents.							
Clauses affected:	ж <u>2</u>	, 5									
Other specs affected:	¥	N X Other X Test	r core specifica specifications Specifications		¥						

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.
- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TR 21.900: "Technical Specification Group working methods".
- [3] 3GPP TS 21.101: "<u>Technical Specifications and Technical Reports for a UTRAN-based 3GPP system 3rd Generation mobile system Release 1999 Specifications</u>".

5 Specifications and Reports of 3G Release 4

The list is contained in 3GPP TS 21.101 (Release 4) [3].

NOTE 1: The final column of the table below indicates whether or not the documents are intended for adoption by the partner Standards Development Organizations as their own publications. Those marked "no" are internal working documents of the 3GPP TSGs.

NOTE 2: Some of the algorithm specifications in the 35. series are available only under licence.

NOTE 3: "Type" indicates Technical Specification (TS) or Technical Report (TR).

Type	Number	Title	WG- prime	For publication?
TS	21.102	3rd Generation mobile system Release 4 specifications	SP	Yes
IS	21.111	USIM and IC card requirements	T3	Yes
TS	21.133	3G security; Security threats and requirements	S3	Yes
IR	21.801	Specification drafting rules	SP	No
TR	21.900	Technical Specification Group working methods	SP	Yes
IR	21.905	Vocabulary for 3GPP Specifications	\$ 1	Yes
IS	22.001	Principles of circuit telecommunication services supported by a Public Land- Mobile Network (PLMN)	\$1	Yes
IS	22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network- (PLMN)	\$1	Yes
IS	22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S 1	Yes
TS	22.004	General on supplementary services	S1	Yes
TS	22.011	Service accessibility	S1	Yes
TS	22.016	International Mobile Equipment Identities (IMEI)	\$1	Yes
TS	22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	Yes
TS	22.024	Description of Charge Advice Information (CAI)	S1	Yes
TS	22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	\$1	Yes
TS	22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3	Yes
TS	22.032	Immediate Service Termination (IST); Service description; Stage 1	\$3	Yes
IS	22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	\$1	Yes
TS	22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes

Type	Number	Title Title	WG- prime	For-
TS	22.041	Operator Determined Call Barring	S1	Yes
TS	22.042	Network Identity and Time Zone (NITZ) service description; Stage 1	S1	Yes
IS	22.048	Security Mechanisms for the (U)SIM application toolkit; Stage 1	T3	Yes
TS	22.053	Tandem Free Operation (TFO); Service description; Stage 1	\$4	Yes
TS	22.057	Mobile Execution Environment (MExE) service description; Stage 1	\$1	Yes
TS	22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1	Yes
TS	22.066	Support of Mobile Number Portability (MNP); Stage 1	S1	Yes
TS	22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1	S1	Yes
TS	22.071	Location Services (LCS); Stage 1	S1	Yes
TS	22.072	Call Deflection (CD); Stage 1	\$1	Yes
TS	22.076	Noise suppression for the AMR codec; Service description; Stage 1	\$4	Yes
TS	22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	\$1	Yes
TS	22.079	Support of optimal routeing; Stage 1	S1	Yes
IS	22.081	Line Identification supplementary services; Stage 1	\$1	Yes
TS	22.082	Call Forwarding (CF) Supplementary Services; Stage 1	\$1	Yes
TS	22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1	\$1	Yes
TS	22.084	MultiParty (MPTY) supplementary service; Stage 1	\$1	Yes
TS	22.085	Closed User Group (CUG) supplementary services; Stage 1	\$1	Yes
IS	22.086	Advice of Charge (AoC) supplementary services; Stage 1	\$1	Yes
TS	22.087	User-te-user signalling (UUS); Stage 1	S1	Yes
TS	22.088	Call Barring (CB) supplementary services; Stage 1	S1	Yes
IS	22.090	Unstructured Supplementary Service Data (USSD); Stage 1	\$1	Yes
TS	22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1	Yes
IS	22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	\$1	Yes
TS	22.094	Follow Me service description - Stage 1	S1	Yes
TS	22.096	Name identification supplementary services; Stage 1	\$1	Yes
TS	22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	S1	Yes
TS	22.101	Service aspects; Service principles	S1	Yes
TS	22.105	Services and service capabilities	\$1	Yes
TS	22.115	Service Aspects Charging and billing	S1	Yes
TR	22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	Yes
TS	22.127	Service Requirement for the Open Services Access (OSA); Stage 1	\$1	Yes
TS	22.129	Handover requirements between UTRAN and GERAN or other radio systems	S1	Yes
TS	22.135	Multicall; Service description; Stage 1	\$1	Yes
TS	22.140	Multimedia Messaging Service (MMS); Stage 1	\$1	Yes
TS	23.002	Network architecture	\$2	Yes
TS	23.003		32 N4	Yes
		Numbering, Addressing and Identification		
TS	23.007	Restoration procedures	N4	Yes
TS	23.008	Organisation of subscriber data	N4	Yes
TS	23.009	Handover procedures	N1	Yes
TS	23.011	Technical realization of Supplementary Services	N4	Yes
TS	23.012	Location management procedures	N4	Yes
TS	23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1	Yes
TS	23.015	Technical realisation of Operator Determined Barring (ODB)	N4	Yes
TS	23.016	Subscriber data management; Stage 2	N4	Yes
TS	23.018	Basic Call Handling; Technical realization	N4	Yes
TS	23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	\$3	Yes
TS	23.032	Universal Geographical Area Description (GAD)	S2	Yes
TS	23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes
TS	23.035	Immediate Service Termination (IST); Stage 2	\$3	Yes
TS	23.038	Alphabets and language-specific information	T2	Yes
TR	23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	T2	Yes
TS	23.040	Technical realization of Short Message Service (SMS)	T2	Yes
TS	23.040 23.041	Technical realization of Cell Broadcast Service (CBS)	12	Yes
TS	23.041 23.042	Compression algorithm for SMS	12	Yes
TS	23.042 23.048	Security Mechanisms for the (U)SIM application toolkit; Stage 2	12 13	Yes
TS TO	23.053	Tandem Free Operation (TFO); Service description; Stage 2	\$4 T0	Yes
TS	23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	T2	Yes
IS	23.060	General Packet Radio Service (GPRS) Service description; Stage 2	\$2	Yes

Type	Number	Title Title	WG- prime	For-publication?
TS	23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4	Yes
IS	23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N 4	Yes
IS	23.072	Call Deflection Supplementary Service; Stage 2	N 4	Yes
TS	23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage-2	N2	Yes
TS	23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4	Yes
IS	23.081	Line Identification supplementary services; Stage 2	N 4	Yes
IS	23.082	Call Forwarding (CF) Supplementary Services; Stage 2	N 4	Yes
TS	23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N4	Yes
IS	23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N 4	Yes
TS	23.085	Closed User Group (CUG) Supplementary Service; Stage 2	N4	Yes
TS	23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	N4	Yes
IS	23.087	User-to-User Signalling (UUS) supplementary service; Stage 2	N 4	Yes
TS	23.088	Call Barring (CB) Supplementary Service; Stage 2	N4	Yes
IS	23.090	Unstructured Supplementary Service Data (USSD); Stage 2	N 4	Yes
IS	23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N 4	Yes
IS	23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N 4	Yes
TS	23.094	Follow Me Stage 2	N4	Yes
IS	23.096	Name Identification Supplementary Service; Stage 2	N 4	Yes
TS	23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2	N4	Yes
IS	23.101	General UMTS Architecture	\$2	Yes
IS	23.107	Quality of Service (QoS) concept and architecture	\$2	Yes
TS	23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)	N1	Yes
TS	23.110	UMTS Access Stratum Services and Functions	S2	Yes
TS	23.116	Super-Charger technical realization; Stage 2	N4	Yes
IS	23.119	Gateway Location Register (GLR); Stage2	N 4	Yes
TS	23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	N1	Yes
IS	23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2	\$2	Yes
IS	23.135	Multicall supplementary service; Stage 2	N 4	Yes
TS	23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes
IS	23.146	Technical realisation of facsimile Group 3 service - non-transparent	N3	Yes
TS	23.153	Out of Band Transcoder Control; Stage 2	N4	Yes
TS	23.205	Bearer-independent circuit-switched core network; Stage 2	N4	Yes
IS	23.221	Architectural requirements	\$2	Yes
TS	23.227	Application and user interaction in the UE; Principles and specific requirements		Yes
IS	23.271	Location Services (LCS); Functional description; Stage 2	\$2	Yes
IR	23.821	Architecture Principles for Relase 2000	\$2	No
TR	23.873	Feasibility study fro transport and control separation in the PS CN domain	\$2	No
IR	23.874	Feasibility study of architecture for network requested PDP context activation- with User-ID	\$2	No
IR	23.907	Quality of Service (QoS) concept	\$2	Yes
TR	23.908	Technical report on Pre-Paging	N4	Yes
IR	23.909	Technical report on the Gateway Location Register	N 4	Yes
IR	23.910	Circuit switched data bearer services	N3	Yes
TR	23.911	Technical report on Out-of-band transcoder control	N 4	Yes
IR	23.912	Technical report on Super-Charger	N 4	Yes
TR	23.925	UMTS Core network based ATM transport	S2	Yes
TR	23.930	lu Principles	S2	Yes
IS	24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference- Configuration	N1	Yes
TS	24.007	Mobile radio interface signalling layer 3; General Aspects	N1	Yes
TS	24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3	N1	Yes
TS	24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes
TS	24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio- Interface	N1	Yes
TS	24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	N3	Yes
TS	24.030	Location Services (LCS); Supplementary service operations; Stage 3	N4	Yes
TS	24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	Yes
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TS	24.072	Call Deflection Supplementary Service; Stage 3	N4	Yes
IS	24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding	N 4	Yes
IS	24.081	Line Identification Supplementary Service; Stage 3	N 4	Yes
TS	24.082	Call Forwarding supplementary service; Stage 3	N4	Yes
IS	24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	N 4	Yes
TS	24.084	MultiParty (MPTY) Supplementary Service; Stage 3	N 4	Yes
TS	24.085	Closed User Group (CUG) Supplementary Service; Stage 3	N 4	Yes
TS	24.086	Advice of Charge (AoC) Supplementary Service; Stage 3	N 4	Yes
TS	24.087	User-te-User Signalling (UUS); Stage 3	N4	Yes
IS	24.088	Call Barring (CB) Supplementary Service; Stage 3	N 4	Yes
TS	24.090	Unstructured Supplementary Service Data (USSD); Stage 3	N4	Yes
IS	24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N 4	Yes
TS	24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N4	Yes
TS	24.096	Name Identification Supplementary Service; Stage 3	N4	Yes
TS	24.135	Multicall supplementary service; Stage 3	N 4	Yes
TS	25.101	UE Radio transmission and reception (FDD)	R4	Yes
TS	25.102	UTRA (UE) TDD; Radio transmission and reception	R4	Yes
TS	25.104	UTRA (BS) FDD; Radio transmission and reception	R4	Yes
TS	25.105	UTRA (BS) TDD: Radio transmission and reception	R4	Yes
TS	25.106	UTRA Repeater; Radio transmission and reception	R4	Yes
TS	25.113	Base station and repeater electromagnetic compatibility (EMC)	R4	Yes
TS	25.123	Requirements for support of radio resource management (TDD)	R4	Yes
IS	25.123 25.133	Requirements for support of radio resource management. (FDD)	R4	Yes
TS	25.133 25.141	Base station conformance testing (FDD)	R4	Yes
IS	25.141 25.142		R4	Yes
		Base station conformance testing (TDD)		
IS	25.143	UTRA repeater; Conformance testing	R4	Yes
IS	25.201	Physical layer - general description	R1	Yes
IS	25.211	Physical channels and mapping of transport channels onto physical channels (FDD)	R1	Yes
IS	25.212	Multiplexing and channel coding (FDD)	R1	Yes
TS	25.213	Spreading and modulation (FDD)	R1	Yes
TS	25.214	Physical layer procedures (FDD)	R1	Yes
IS	25.215	Physical layer; Measurements (FDD)	R1	Yes
TS	25.221	Physical channels and mapping of transport channels onto physical channels (TDD)	R1	Yes
TS	25.222	Multiplexing and channel coding (TDD)	R1	Yes
TS	25.223	Spreading and modulation (TDD)	R1	Yes
TS	25.224	Physical layer procedures (TDD)	R1	Yes
TS	25.225	Physical layer; Measurements (TDD)	R1	Yes
TS	25.301	Radio Interface Protocol Architecture	R2	Yes
TS	25.302	Services provided by the physical layer	R2	Yes
TS	25.303	Interlayer procedures in Connected Mode	R2	Yes
TS	25.304	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode		Yes
TS	25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access- Network (UTRAN); Stage 2	R2	Yes
TS	25.306	UE Radio Access capabilities definition	R2	Yes
TS	25.307	Requirements on UEs supporting a release-independent frequency band	R2	Yes
TS	25.321	Medium Access Control (MAC) protocol specification	R2	Yes
TS	25.322	Radio Link Control (RLC) protocol specification	R2	Yes
IS	25.323	Packet Data Convergence Protocol (PDCP) specification	R2	Yes
TS	25.324	Broadcast/Multicast Control (BMC)	R2	Yes
IS	25.324 25.331	Radio Resource Control (RRC) protocol specification	R2	Yes
IS	25.401	UTRAN overall description	R3	Yes
IS	25.402	Synchronisation in UTRAN Stage 2	R3	Yes
IS	25.410	UTRAN lu Interface: General Aspects and Principles	R3	Yes
TS	25.411	UTRAN lu interface layer 1	R3	Yes
IS	25.412	UTRAN lu interface signalling transport	R3	Yes
TS	25.413	UTRAN lu interface RANAP signalling	R3	Yes
TS	25.414	UTRAN lu interface data transport & transport signalling	R3	Yes
IS	25.415	UTRAN lu interface user plane protocols	R3	Yes

Type	Number	Title Title	WG prime	For-publication?
TS	25.419	UTRAN lu-BC interface: Service Area Broadcast Protocol (SABP)	R3	Yes
IS	25.420	UTRAN lur Interface: General Aspects and Principles	R3	Yes
IS	25.421	UTRAN lur interface Layer 1	R3	Yes
TS	25.422	UTRAN lur interface signalling transport	R3	Yes
IS	25.423	UTRAN lur interface RNSAP signalling	R3	Yes
TS	25.424	UTRAN lur interface data transport & transport signalling for CCH data- streams	R3	Yes
IS	25.425	UTRAN lur interface user plane protocols for CCH data streams	R3	Yes
TS	25.426	UTRAN lur and lub interface data transport & transport signalling for DCH data streams	R3	Yes
TS	25.427	UTRAN lur and lub interface user plane protocols for DCH data streams	R3	Yes
IS	25.430	UTRAN lub Interface: General Aspects and Principles	R3	Yes
IS	25.431	UTRAN lub interface Layer 1	R3	Yes
IS	25.432	UTRAN lub interface: signalling transport	R3	Yes
TS	25.433	UTRAN lub interface NBAP signalling	R3	Yes
IS	25.434	UTRAN lub interface data transport & transport signalling for CCH data- streams	R3	Yes
TS	25.435	UTRAN lub interface user plane protocols for CCH data streams	R3	Yes
TS	25.442	UTRAN implementation-specific O&M transport	R3	Yes
TR	25.832	Manifestations of Handover and SRNS relocation	R3	No
TR	25.834	UTRA TDD low chip rate option; Radio protocol aspects	R2	No
TR	25.836	Node B synchronization for TDD	R1	No
TR	25.838	Node B Synchronisation for TDD (lub/lur aspects)	R3	No
TR	25.840	Terminal power saving features	R1	No
TR.	25.841	DSCH power control improvement in soft handover	R1	No
TR	25.842	Smart antenna	R1	No
TR	25.843	1,28 Mcps TDD UE Radio Access Capabilities	R2	No
TR	25.844	Radio acces bearer support enhancements	R2	No
TR	25.847	UE positioning enhancements	R2 R1	No
TR.	25.848	Physical Layer Aspects of UTRA High Speed Downlink Packet Access		No
IR	25.849	DSCH power control improvement in soft handover	R3	No
TR	25.850	UE positioning in UTRAN Tub/lur protocol aspects	R3	No
IR	25.851	RAB Quality of Service (QoS) Renegotiation over lu	R3	No
TR	25.852	Radio access bearer support enhancements for the lu	R3	No
TR	25.853	Delay budget within the access stratum	R3	No
IR	25.921	Guidelines and principles for protocol description and error handling	R2	Yes
TR	25.922	Radio Resource Management Strategies	R2	Yes
TR	25.928	1,28 Mcps functionality for UTRA TDD physical layer	R1	Yes
TR	25.931	UTRAN Functions, examples on signalling procedures	R3	Yes
TR	25.934	AAL2 QoS optimization	R3	Yes
IR	25.935	RRM optimisation	R3	Yes
TR	25.936	Handover for realtime services from PS-domain	R3	Yes
IR	25.937	UTRAN TDD low chiprate	R3	Yes
TR	25.942	RF system scenarios	R4	Yes
TR	25.943	Deployment aspects	R4	Yes
TR	25.944	Channel coding and multiplexing examples	R1	Yes
TR	25.945	RF requirements for low chip rate TDD option	R4	Yes
TR	25.946	RAB Quality of Service (QoS) Negotiation over lu	R3	Yes
TR	25.950	UTRA high speed downlink packet access	R2	Yes
TR	25.953	TrFO/TFO	R3	Yes
IR	25.954	Migration to modification procedure	R3	Yes
TR	25.956	UTRA repeater: Planning guidelines and system analysis	R4	Yes
IR	25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)	R2	Yes
TS	26.071	AMR speech Codec; General description	\$4	Yes
TS	26.073	AMR speech Codec; C-source code	\$4	Yes
TS	26.074	AMR speech Codec; Test sequences	\$4	Yes
TS	26.077	Minimum Performance Requirements for Noise Suppresser Application to the AMR Speech Encoder	\$4	Yes
TS	26.090	AMR speech Codec; Transcoding Functions	\$4	Yes
TS	26.091	AMR speech Codec; Error concealment of lost frames	\$4	Yes

Type	Number	Title Title	WG- prime	For- publication
TS	26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	\$4	Yes
TS	26.093	AMR speech Codec; Source Controlled Rate operation	\$4	Yes
TS	26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	\$4	Yes
TS	26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate- (AMR) speech codec frame structure	\$4	Yes
TS	26.102	AMR speech Codec; Interface to lu and Uu	\$4	Yes
TS	26.103	Speech codec list for GSM and UMTS	\$4	Yes
TS	26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec	\$ 4	Yes
TS	26.110	Codec for circuit switched multimedia telephony service; General description	\$4	Yes
TS	26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	\$ 4	Yes
TS	26.115	Echo control for speech and multi-media services	\$4	Yes
TS	26.131	Terminal acoustic characteristics for telephony; Requirements	\$4	Yes
TS	26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification	\$ 4	Yes
TS	26.233	End-to-end transparent streaming service; General description	\$4	Yes
TS	26.234	Transparent end-to-end transparent Packet-switched Streaming Service (PSS); Protocols and codecs	\$4	Yes
TR	26.901	AMR wideband speech codec; Feasibility study report	\$4	Yes
TR	26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide	\$ 4	Yes
TR	26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G	\$4	Yes
TR	26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec	\$4	Yes
TR	26.978	Results of the AMR noise suppression selection phase	\$4	Yes
TS	27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes
TS	27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Yes
TS	27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3	Yes
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)	T2	Yes
TS	27.007	AT command set for 3G User Equipment (UE)	T2	Yes
TS	27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	T2	Yes
TS	27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3	Yes
TS	27.103	Wide Area Network Synchronization	T2	Yes
TR	27.901	Report on Terminal Interfaces - An Overview	T2	Yes
TR	27.903	Discussion of synchronization standards	T2	Yes
TS	28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3	\$ 4	Yes
TS	29.002	Mobile Application Part (MAP) specification	N4	Yes
T\$	29.007	General requirements on interworking between the Public Land Mobile- Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public- Switched Telephone Network (PSTN)	N3	Yes
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 Procedures and the Mobile Application Part (MAP)	N4	Yes
TS	29.011	Signalling Interworking for Supplementary Services	N4	Yes
TS	29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	Yes
TS	29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs- Interface Network Service Specification	N1	Yes
TS	29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	N1	Yes
TS	29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	N4	Yes
IS	29.061	Interworking between the Public Land Mobile Network (PLMN) supporting- Packet Based services and Packet Data Networks (PDN)	N3	Yes
TS	29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	N2	Yes

Type	Number	Title	WG- prime	For- publication?
TS	29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface	R3	Yes
TS	29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	N4	Yes
IS	29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3	N 4	Yes
IS	29.198- 01	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview	N5	Yes
TS	29.198- 02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data	N5	Yes
TS	29.198- 03	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework	N5	Yes
TS	29.198- 04	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control	N5	Yes
TS	29.198- 05	Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction	N5	Yes
TS	29.198- 06	Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility	N5	Yes
TS	29.198- 07	Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities	N5	Yes
TS	29.198- 08	Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control	N5	Yes
IS	29.198- 11	Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management		Yes
IS	29.198- 12	Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging	N5	Yes
IS	29.202	Signalling System No. 7 (SS7) signalling transport in core network; Stage 3	N 4	Yes
TS	29.205	Application of Q.1900 series to bearer-independent circuit-switched corenetwork architecture; Stage 3	N 4	Yes
IS	29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3	N 4	Yes
IS	29.414	Core network Nb data transport and transport signalling	N3	Yes
IS	29.415	Core network Nb interface user plane protocols	N3	Yes
TR	29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults	N1	Yes
TR	29.998- 01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping		Yes
TR	29.998- 04-1	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		Yes
TR	29.998- 05-1	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	N5	Yes
IR	29.998- 05-4	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		Yes
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	N 5	Yes
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	N5	Yes
TR	30.504	Work Plan and Study Items - RAN WG4	R4	No
IR	30.902	Guidelines for the modification of the Mobile Application Part (MAP)	N 4	No
TS	31.048	Test specification for security mechanisms for the (U)SIM application toolkit	T3	Yes
TS	31.101	UICC-terminal interface; Physical and logical characteristics	T3	Yes
IS	31.102	Characteristics of the USIM Application	T3	Yes
TS	31.110	Numbering system for telecommunication IC card applications	T3	Yes
IS	31.111	USIM Application Toolkit (USAT)	T3	Yes
IS	31.120	UICC-terminal interface; Physical, electrical and logical test specification	T3	Yes
IS	31.121	UICC-terminal interface; USIM application test specification	T3	Yes
IS	31.122	USIM conformance test specification	T3	Yes
IS	32.101	Telecommunication management; Principles and high level requirements	\$5	Yes

Type	Number	Title	WG- prime	For publication?
TS	32.102	Telecommunication management; Architecture	\$5	Yes
IS	32.111-1		\$5	Yes
TS	32.111-2	Telecommunication management; Fault Management; Part 2: Alarm- Integration Reference Point: Information Service	\$5	Yes
IS	32.111-3	Telecommunication management; Fault Management; Part 3: Alarm- Integration Reference Point: CORBA solution set version 1:1	\$5	Yes
TS	32.111-4	Telecommunication management; Fault Management; Part 4: Alarm- Integration Reference Point: CMIP solution set	\$5	Yes
TS	32.200	Telecommunication management; Charging management; Charging principles	\$5	Yes
TS	32.205	Telecommunication management; Charging management; Charging data- description for the Circuit Switched (CS) domain	\$5	Yes
IS	32.215	Telecommunication management; Charging management; Charging data- description for the Packet Switched (PS) domain	\$5	Yes
IS	32.235	Telecommunication management; Charging management; Charging data- description for application services	\$5	Yes
TS	32.300	Telecommunication management; Configuration Management (CM); Name- convention for Managed Objects	\$5	Yes
TS	32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements	\$5	Yes
TS	32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; Information Service version 1	\$5	Yes
IS	32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set version 1:1	\$5	Yes
IS	32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point: CMIP Solution Set Version 1:1	\$5	Yes
IS	32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	\$5	Yes
TS	32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service	\$5	Yes
IS	32.401	Telecommunication management; Performance Management (PM); Concept- and requirements	\$5	Yes
IS	32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM	\$5	Yes
IS	32.600	Telecommunication management; Configuration Management (CM); Concept- and high-level requirements	\$5	Yes
TS	32.601	Telecommunication management; Configuration Management (CM); Basic CM- Integration Reference Point (IRP): requirements	\$5	Yes
TS	32.602	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) information service	\$5	Yes
TS	32.603	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP): CORBA solution set	\$5	Yes
TS	32.604	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) CMIP solution set	\$5	Yes
TS	32.611	Telecommunication management; Configuration Management (CM); Bulk CM- Integration Reference Point (IRP); Requirements	\$5	Yes
IS	32.612	Telecommunication management; Configuration Management (CM); Bulk CM- Integration Reference Point (IRP); Information service	\$5	Yes
TS	32.613	Telecommunication management; Configuration Management (CM); Bulk CM- Integration Reference Point (IRP); Common Object Request Broker- Architecture (CORBA) solution set	\$5	Yes
IS	32.614	Telecommunication management; Configuration Management (CM); Bulk CM-Integration Reference Point (IRP); Common Management Information Protocol-(CMIP) solution set	\$5	Yes
TS	32.615	Telecommunication management; Configuration Management (CM); Bulk CM-Integration Reference Point (IRP); eXtensible Markup Language (XML) file-format definition	\$5	Yes
IS	32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements	\$5	Yes

Type	Number	Title Title	WG- prime	For- publication?
TS	32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)	\$5	Yes
TS	32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set	\$5	Yes
TS	32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set	\$5	Yes
IS	32.631	Telecommunication management; Configuration Management (CM); Corenetwork resources Integration Reference Point (IRP): requirements	\$5	Yes
IS	32.632	Telecommunication management; Configuration Management (CM); Core- Network Resources Integration Reference Point (IRP): Network Resource- Model (NRM)	\$5	Yes
TS	32.633	Telecommunication management; Configuration Management (CM); Corenetwork resources Integration Reference Point (IRP): CORBA solution set	\$5	Yes
TS	32.634	Telecommunication management; Configuration Management (CM); Corenetwork resources Integration Reference Point (IRP): CMIP solution set	\$5	Yes
TS	32.641	Telecommunication management; Configuration Management (CM); UTRAN- network resources Integration Reference Point (IRP): requirements	\$5	Yes
TS	32.642	Telecommunication management; Configuration Management (CM); UTRAN- network resources Integration Reference Point (IRP): Network Resource- Model (NRM)	\$5	Yes
TS	32.643	Telecommunication management; Configuration Management (CM); UTRAN- network resources Integration Reference Point (IRP): CORBA solution set	\$5	Yes
TS	32.644	Telecommunication management; Configuration Management (CM); UTRAN- network resources Integration Reference Point (IRP): CMIP solution set	\$5	Yes
TR	32.800	Telecommunication management; Management level procedures and interaction with UTRAN	\$5	No
TS	33.102	3G security; Security architecture	S3	Yes
TS	33.103	3G-security; Integration guidelines	S3	Yes
TS	33.105	Cryptographic Algorithm requirements	\$3	Yes
TS	33.106	Lawful interception requirements	\$3	Yes
TS	33.107	3G-security; Lawful interception architecture and functions	\$3	Yes
IS	33.120	Security Objectives and Principles	\$3	Yes
TS	33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security	S3	Yes
TR	33.901	Criteria for cryptographic Algorithm design process	\$3	Yes
IR	33.902	Formal Analysis of the 3G Authentication Protocol	\$3	Yes
IR	33.903	Access Security for IP based services	\$3	Yes
ŦR	33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms	S3	Yes
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	\$3	Yes
TS	34.108	Common test environments for User Equipment (UE) conformance testing	T1	Yes
IS	34.109	Terminal logical test interface; Special conformance testing functions	R2	Yes
IS	34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)	T1	Yes
TS	34.122	Terminal Conformance Specification, Radio Transmission and Reception (TDD)	T 4	Yes
TS	34.123-1	User Equipment (UE) conformance specification; Part 1: Protocol conformance specification	T1	Yes
TS	34.123-2	User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification	T1	Yes
TS	34.123-3	` ' '	T1	Yes
TS	34.124	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment	R4	Yes
ŦR	34.910	Identification of test requirements for regulatory purposes in different regions/countries	T 4	Yes
TR	34.926	Table of international EMC requirements	R4	Yes
IS	35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1:		Yes
_		f8 and f9 specifications		

Type	Number	Title	WG_	For-
			prime	publication?
TS	35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2:	S3	Yes
		Kasumi algorithm specification		
TS	35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3:	S3	Yes
		Implementors' test data		
IS	35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4:	\$3	Yes
		Design conformance test data		
IS	35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example	\$3	Yes
		algorithm set for the 3GPP authentication and key generation functions f1, f1*,		
		f2, f3, f4, f5 and f5*; Document 1: General		
IS	35.206	3G Security; Specification of the MILENAGE algorithm set: An example-	\$3	Yes
		algorithm Set for the 3GPP Authentication and Key Generation functions f1,		
		f1*, f2, f3, f4, f5 and f5*; Document 2: Algorithm specification		
IS	35.207	3G Security; Specification of the MILENAGE algorithm set: An example	\$3	Yes
		algorithm Set for the 3GPP Authentication and Key Generation functions f1,		
		f1*, f2, f3, f4, f5 and f5*; Document 3: Implementors' test data		
IS	35.208	3G Security; Specification of the MILENAGE algorithm set: An example	\$3	Yes
		algorithm Set for the 3GPP Authentication and Key Generation functions f1,		
		f1*, f2, f3, f4, f5 and f5*; Document 4: Design conformance test data		
TR	35.909	3G Security; Specification of the MILENAGE algorithm set: an example	\$3	Yes
		algorithm set for the 3GPP authentication and key generation functions f1, f1*,		
		f2, f3, f4, f5 and f5*; Document 5: Summary and results of design and		
		evaluation		

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		CHANG	GE REQU	EST			CR-Form-v7	
*	21.103	CR <mark>005</mark>	жrev	#	Current versi	on: 5.3.0	¥	
For <u>HELP</u> on u	sing this for	m, see bottom of	this page or loo	ok at the	pop-up text	over the % syr	nbols.	
Proposed change affects: UICC apps# ME Radio Access Network Core Network								
Title: ૠ	Removal	of list of specs ar	nd substitution c	f a poin	ter to replace	ment spec		
Source: #	MCC (Sp	ecifications Mana	ager)					
Work item code: ₩	TEI				Date: ∺	11/06/2003		
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Reason for change	e: Ж <mark>Dan</mark> ç	ger of out of date	list of specs be	ng take	n as valid.			
Summary of chang	ge: Ж <mark>See</mark>	title.						
Consequences if not approved:	# Conf	usion over Relea	ise contents.					
Clauses affected:	第 2,5							
Other specs affected:	¥ N X X X	Other core spec Test specification O&M Specification	ons	ß				
Other comments:	×							

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.
- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TR 21.900: "Technical Specification Group working procedures".
- [3] 3GPP TS 21.101: "Technical Specifications and Technical Reports for a UTRAN-based 3GPP system".

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5 Specifications and Reports of 3G Release 5

The list is contained in 3GPP TS 21.101 (Release 5) [3].

NOTE 1: The "for publication?" column of the table below indicates whether or not the documents are intended for adoption by the partner Standards Development Organizations as their own publications. Those marked "no" are internal working documents of the 3GPP TSGs.

NOTE 2: Some of the algorithm specifications in the 35. series are available only under licence.

NOTE 3: "Type" indicates Technical Specification (TS) or Technical Report (TR).

NOTE 4: For definition of "freezing" of specifications (last two columns), see 3GPP TS 21.900 [2].

Type	Number	Title Title	WG- prime	For publication?	freeze date	frozen
TS	21.103	3rd Generation mobile system Release 5 specifications	SP	Yes	13/06/2002	yes
TS	21.111	USIM and IC card requirements	T3	Yes	07/06/2002	yes
IR	21.801	Specification drafting rules	SP	No	14/03/2002	yes
TR	21.877	Radio optimization impacts on the Packet Switched (PS) domain architecture	\$2	No	13/06/2002	yes
TR	21.900	Technical Specification Group working methods	SP	Yes	14/03/2002	yes
TR	21.905	Vocabulary for 3GPP Specifications	S1	Yes	14/03/2002	yes
IS	22.001	Principles of circuit telecommunication services- supported by a Public Land Mobile Network (PLMN)	\$1	Yes	13/06/2002	yes
IS	22.002	Circuit Bearer Services (BS) supported by a Public- Land Mobile Network (PLMN)	S1	Yes	13/06/2002	yes
TS	22.003	Circuit Teleservices supported by a Public Land- Mobile Network (PLMN)	S1	Yes	14/03/2002	yes
TS	22.004	General on supplementary services	S1	Yes	13/06/2002	yes
IS	22.011	Service accessibility	\$1	Yes	13/06/2002	yes
TS	22.016	International Mobile Equipment Identities (IMEI)	S1	Yes	13/06/2002	yes
TS	22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	Yes	12/09/2002	yes

Type	Number	Title	WG- prime	For publication?	freeze date	frozen
TS	22.024	Description of Charge Advice Information (CAI)	S1	Yes	13/06/2002	yes
IS	22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	\$1	Yes	13/06/2002	
TS	22.031	Fraud Information Gathering System (FIGS); Service-description; Stage 1	\$3	Yes	12/12/2002	yes
IS	22.032	Immediate Service Termination (IST); Service-description; Stage 1	\$3	Yes	13/06/2002	yes
TS	22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes	13/06/2002	yes
TS	22.038	USIM/SIM Application Toolkit (USAT/SAT); Service-description; Stage 1	S1	Yes	14/03/2002	yes
TS	22.041	Operator Determined Call Barring	S1	Yes	13/06/2002	yes
IS	22.042	Network Identity and Time Zone (NITZ) service- description; Stage 1	\$1	Yes	13/06/2002	
TS	22.053	Tandem Free Operation (TFO); Service description; Stage 1	\$4	Yes	13/06/2002	yes
TS	22.057	Mobile Execution Environment (MExE) service- description; Stage 1	S1	Yes	14/03/2002	yes
TS	22.060	General Packet Radio Service (GPRS); Service- description; Stage 1	\$1	Yes	14/03/2002	yes
TS	22.066	Support of Mobile Number Portability (MNP); Stage 1	\$1	Yes	13/06/2002	Ves
TS	22.067	enhanced Multi-Level Precedence and Pre-emptionservice (eMLPP); Stage 1	\$1	Yes	13/06/2002	
TS	22.071	Location Services (LCS); Stage 1	\$1	Yes	14/03/2002	VOS
TS	22.072	Call Deflection (CD); Stage 1	S1	Yes	13/06/2002	
IS	22.076	Noise suppression for the AMR codec; Service-description; Stage 1	\$ 4	Yes	13/06/2002	
TS	22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1	Yes	14/03/2002	yes
TS	22.079	Support of optimal routeing; Stage 1	S1	Yes	13/06/2002	yes
IS	22.081	Line Identification supplementary services; Stage 1	\$1	Yes	13/06/2002	yes
IS	22.082	Call Forwarding (CF) Supplementary Services; Stage 4	\$1	Yes		
IS	22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1	\$1	Yes	13/06/2002	
IS	22.084	MultiParty (MPTY) supplementary service; Stage 1	\$1	Yes	13/06/2002	
IS	22.085	Closed User Group (CUG) supplementary services; Stage 1	\$1	Yes	13/06/2002	
IS	22.086	Advice of Charge (AoC) supplementary services; Stage 1	\$1	Yes	13/06/2002	yes
IS	22.087	User-to-user signalling (UUS); Stage 1	\$1	Yes	13/06/2002	
IS	22.088	Call Barring (CB) supplementary services; Stage 1	\$1	Yes	13/06/2002	
TS	22.090	Unstructured Supplementary Service Data (USSD); Stage 1	\$1	Yes	13/06/2002	
TS	22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	\$1	Yes	13/06/2002	
TS	22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	S1	Yes	13/06/2002	yes
TS	22.094	Follow Me service description - Stage 1	\$1	Yes	13/06/2002	
IS	22.096	Name identification supplementary services; Stage 1	\$1	Yes	13/06/2002	yes
IS	22.097	Multiple Subscriber Profile (MSP) Phase 1; Service-description - Stage 1	\$1	Yes	13/06/2002	
TS	22.101	Service aspects; Service principles	S1	Yes	14/03/2002	
IS	22.105	Services and service capabilities	S 4	Yes	14/03/2002	
TS	22.112	USIM toolkit interpreter; Stage 1	T3	Yes	08/03/2002	
IS	22.115	Service Aspects Charging and billing	\$1	Yes	14/03/2002	
TR	22.121	Service aspects; The Virtual Home Environment; Stage 1	S 1	Yes	14/03/2002	
IS	22.127	Service Requirement for the Open Services Access-(OSA); Stage 1	\$1	Yes	14/03/2002	
IS	22.129	Handover requirements between UTRAN and GERAN- or other radio systems		Yes	14/03/2002	
TS	22.135	Multicall; Service description; Stage 1	S1	Yes	13/06/2002	yes

Type	Number	Title	WG- prime	For publication?	freeze date	frozen
TS	22.140	Multimedia Messaging Service (MMS); Stage 1	\$1	Yes	14/03/2002	
IS	22.226	Global text telephony (GTT); Stage 1: Service- description	S1	Yes	14/03/2002	yes
TS	22.228	Service requirements for the Internet Protocol (IP)- multimedia core network subsystem; Stage 1	S1	Yes	14/03/2002	yes
IS	22.233	Transparent end-to-end packet-switched streaming service; Stage 1	\$1	Yes	13/06/2002	yes
TR	22.928	IP-based multimedia services examples	S1	Yes	14/03/2002	yes
TR	22.941	IP based multimedia framework; Stage 0	S1	Yes	14/03/2002	yes
TR	22.944	Service requirements for UE functionality split	\$1	Yes	14/03/2002	J
TR	22.976	Study on PS domain services and capabilities	S1	Yes	14/03/2002	-
IS	23.002	Network architecture	\$2	Yes	14/03/2002	-
IS	23.003	Numbering, Addressing and Identification	N 4	Yes	08/03/2002	
TS	23.007	Restoration procedures	N4	Yes	08/03/2002	-
IS	23.008	Organisation of subscriber data	N 4	Yes	08/03/2002	
TS	23.009	Handover procedures	N1	Yes	08/03/2002	
TS	23.011	Technical realization of Supplementary Services	N4	Yes	08/03/2002	-
IS	23.012	Location management procedures	N4	Yes	08/03/2002	-
TS	23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1	Yes	08/03/2002	
TS	23.015	Technical realisation of Operator Determined Barring (ODB)	N4	Yes	08/03/2002	yes
TS	23.016	Subscriber data management; Stage 2	N4	Yes	08/03/2002	yes
TS	23.018	Basic Call Handling; Technical realization	N4	Yes	08/03/2002	
IS	23.031	Fraud Information Gathering System (FIGS); Service- description; Stage 2	\$3	Yes	12/12/2002	yes
TS	23.032	Universal Geographical Area Description (GAD)	S2	Yes	20/03/2003	ves
TS	23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	Yes	08/03/2002	
TS	23.035	Immediate Service Termination (IST); Stage 2	S3	Yes	13/06/2002	yes
IS	23.038	Alphabets and language-specific information	T2	Yes	08/03/2002	-
TR	23.039	Interface Protocols for the Connection of Short- Message Service Centers (SMSCs) to Short Message- Entities (SMEs)	T2	Yes	08/03/2002	yes
TS	23.040	Technical realization of Short Message Service (SMS)	T2	Yes	08/03/2002	yes
TS	23.041	Technical realization of Cell Broadcast Service (CBS)	T2	Yes	07/06/2002	-
IS	23.042	Compression algorithm for SMS	T2	Yes	08/03/2002	yes
IS	23.048	Security Mechanisms for the (U)SIM application toolkit; Stage 2	T3	Yes	08/03/2002	yes
TS	23.053	Tandem Free Operation (TFO); Service description; Stage 2	\$ 4	Yes	13/06/2002	yes
IS	23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	T2	Yes	08/03/2002	yes
IS	23.060	General Packet Radio Service (GPRS) Service- description; Stage 2	\$2	Yes	14/03/2002	yes
IS	23.066	Support of GSM Mobile Number Portability (MNP)- stage 2	N4	Yes	08/03/2002	yes
TS	23.067	Enhanced Multi-Level Precedence and Pre-emption- Service (eMLPP); Stage 2	N4	Yes	08/03/2002	yes
TS	23.072	Call Deflection Supplementary Service; Stage 2	N 4	Yes	08/03/2002	yes
TS	23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2		Yes	07/06/2002	
TS	23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4	Yes	08/03/2002	yes
TS	23.081	Line Identification supplementary services; Stage 2	N4	Yes	08/03/2002	VOS
IS	23.082	Call Forwarding (CF) Supplementary Services; Stage-2	N4	Yes	08/03/2002	
TS	23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes
IS	23.084	MultiParty (MPTY) Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes
IS	23.085	Closed User Group (CUG) Supplementary Service;	N4	Yes	08/03/2002	
		Stage 2				<u> </u>

Type	Number	Title	WG- prime	For pub- lication?	freeze date	froze
TS	23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes
TS	23.087	User-te-User Signalling (UUS) supplementary service; Stage 2	N4	Yes	08/03/2002	yes
TS	23.088	Call Barring (CB) Supplementary Service; Stage 2	N4	Yes	08/03/2002	VOS
TS	23.090	Unstructured Supplementary Service Data (USSD); Stage 2	N4	Yes	08/03/2002	
TS	23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	Yes	08/03/2002	yes
TS	23.093	Technical realization of Completion of Calls to Busy- Subscriber (CCBS); Stage 2	N4	Yes	08/03/2002	yes
TS	23.094	Follow Me Stage 2	N4	Yes	08/03/2002	ves
TS	23.096	Name Identification Supplementary Service; Stage 2	N4	Yes	08/03/2002	
TS	23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2	N4	Yes	08/03/2002	
TS	23.107	Quality of Service (QoS) concept and architecture	\$2	Yes	14/03/2002	
T S	23.108	Mobile radio interface layer 3 specification core- network protocols; Stage 2 (structured procedures)	N1	Yes	07/06/2002	
TS	23.116	Super-Charger technical realization; Stage 2	N4	Yes	08/03/2002	VOC
TS	23.110 23.119	Gateway Location Register (GLR); Stage2	N4	Yes	08/03/2002	
TS	23.119 23.122	Non-Access-Stratum functions related to Mobile	N1	Yes	08/03/2002	
		Station (MS) in idle mode				_
TS	23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2	\$2	Yes	14/03/2002	
TS	23.135	Multicall supplementary service; Stage 2	N4	Yes	08/03/2002	
TS	23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	T2	Yes	08/03/2002	
TS	23.146	Technical realisation of facsimile Group 3 service non-transparent	84	Yes	08/03/2002	yes
TS	23.153	Out of Band Transcoder Control; Stage 2	N4	Yes	08/03/2002	ves
TS	23.172	Technical realization of Circuit Switched (CS)- multimedia service; UDI/RDI fallback and service- modification; Stage 2	N3	Yes	07/06/2002	
TS	23.205	Bearer-independent circuit-switched core network; Stage 2	N4	Yes	08/03/2002	yes
TS	23.207	End-to-end Quality of Service (QoS) concept and architecture	\$2	Yes	14/03/2002	yes
TS	23.218	IP Multimedia (IM) session handling; IM call model; Stage 2	N1	Yes	08/03/2002	yes
TS	23.221	Architectural requirements	\$2	Yes	14/03/2002	Ves
TS	23.226	Global text telephony (GTT); Stage 2: Architecture	\$2	Yes	08/03/2002	Ves
TS	23.227	Application and user interaction in the UE; Principles and specific requirements	T2	Yes	08/03/2002	
TS	23,228	IP Multimedia Subsystem (IMS); Stage 2	\$2	Yes	14/03/2002	VAS
TS	23.236	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes	S2	Yes	14/03/2002	
TS	23.240	3GPP generic user profile requirements; Stage 2; Architecture	\$2	Yes	14/03/2002	yes
TS	23.271	Location Services (LCS); Functional description; Stage 2	\$2	Yes	14/03/2002	yes
TS	23.278	Customised Applications for Mobile network Enhanced Legic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2	N2	Yes	06/12/2002	yes
TR	23.815	Charging implications of IMS architecture	\$2	No	14/03/2002	VAS
TR	23.871	Enhanced support for user privacy in Location	S2	No	14/03/2002	
TD	22 075	Services (LCS)	60	No	14/03/2002	V/00
TR TD	23.875	Support of Push service	\$2	No		
TR	23.910	Circuit switched data bearer services	N3	Yes	08/03/2002	
TR	23.955	Virtual Home Environment (VHE) concepts	\$2	Yes	13/06/2002	
TS	24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes	08/03/2002	
TS	24.007	Mobile radio interface signalling layer 3; General- Aspects	N1	Yes	08/03/2002	yes

Type	Number	Title	WG- prime	For pub- lication?	freeze date	frozen
IS	24.008	Mobile radio interface Layer 3 specification; Corenetwork protocols; Stage 3	N1	Yes	08/03/2002	yes
TS	24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes	08/03/2002	yes
TS	24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Yes	08/03/2002	yes
TS	24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	8/4	Yes	08/03/2002	yes
TS	24.030	Location Services (LCS); Supplementary service operations; Stage 3	N4	Yes	08/03/2002	yes
TS	24.067	Enhanced Multi-Level Precedence and Pre-emptionservice (eMLPP); Stage 3	N4	Yes	08/03/2002	yes
IS	24.072	Call Deflection Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
IS	24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding	N4	Yes	08/03/2002	
TS	24.081	Line Identification Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
TS	24.082	Call Forwarding supplementary service; Stage 3	N4	Yes	08/03/2002	
TS	24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	N4	Yes	08/03/2002	
TS	24.084	MultiParty (MPTY) Supplementary Service; Stage 3	N4	Yes	08/03/2002	VOS
TS	24.085	Closed User Group (CUG) Supplementary Service; Stage 3	N4	Yes	08/03/2002	
TS	24.086	Advice of Charge (AoC) Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
IS	24.087	User-to-User Signalling (UUS); Stage 3	N 4	Yes	08/03/2002	yes
TS	24.088	Call Barring (CB) Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
TS	24.090	Unstructured Supplementary Service Data (USSD); Stage 3	N4	Yes	08/03/2002	yes
TS	24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	Yes	08/03/2002	yes
TS	24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N4	Yes	08/03/2002	yes
TS	24.096	Name Identification Supplementary Service; Stage 3	N4	Yes	08/03/2002	
IS	24.135	Multicall supplementary service; Stage 3	N 4	Yes	08/03/2002	
TS	24.228	Signalling flows for the IP multimedia call control based on SIP and SDP; Stage 3	N1	Yes	07/06/2002	
IS	24.229	IP Multimedia Call Control Protocol based on SIP and SDP; Stage 3	N1	Yes	07/06/2002	
IS	25.101	UE Radio transmission and reception (FDD)	R4	Yes	08/03/2002	
TS	25.102	UTRA (UE) TDD; Radio transmission and reception	R4	Yes	08/03/2002	
IS	25.104	UTRA (BS) FDD; Radio transmission and reception	R4	Yes	08/03/2002	
IS	25.105	UTRA (BS) TDD: Radio transmission and reception	R4	Yes	08/03/2002	
TS	25.106	UTRA Repeater; Radio transmission and reception	R4	Yes	08/03/2002	
IS	25.113	Base station and repeater electromagnetic compatibility (EMC)	R4	Yes	08/03/2002	
IS	25.123	Requirements for support of radio resource management (TDD)	R4	Yes	08/03/2002	
TS	25.133	Requirements for support of radio resource management (FDD)	R4	Yes	08/03/2002	
TS	25.141	Base station conformance testing (FDD)	R4	Yes	08/03/2002	
IS	25.142	Base station conformance testing (TDD)	R4	Yes	08/03/2002	
IS	25.143	UTRA repeater; Conformance testing	R4	Yes	08/03/2002	
TS	25.201	Physical layer - general description	R1	Yes	08/03/2002	
IS	25.211	Physical channels and mapping of transport channels onto physical channels (FDD)	R1	Yes	08/03/2002	yes
IS	25.212	Multiplexing and channel coding (FDD)	R1	Yes	08/03/2002	
IS	25.213	Spreading and modulation (FDD)	R1	Yes	08/03/2002	
IS	25.214	Physical layer procedures (FDD)	R1	Yes	08/03/2002	
IS	25.215	Physical layer; Measurements (FDD)	R1	Yes	08/03/2002	
IS	25.221	Physical channels and mapping of transport channels onto physical channels (TDD)	R1	Yes	08/03/2002	
IS	25.222	Multiplexing and channel coding (TDD)	R1	Yes	08/03/2002	
TS	25.223	Spreading and modulation (TDD)	R1	Yes	08/03/2002	yes

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TS	25.224	Physical layer procedures (TDD)	R1	Yes	08/03/2002	yes
TS	25.225	Physical layer; Measurements (TDD)	R1	Yes	08/03/2002	yes
IS	25.301	Radio Interface Protocol Architecture	R2	Yes	08/03/2002	yes
TS	25.302	Services provided by the physical layer	R2	Yes	08/03/2002	
TS	25.303	Interlayer procedures in Connected Mode	R2	Yes	08/03/2002	yes
TS	25.304	UE Procedures in Idle Mode and Procedures for Cell-	R2	Yes		yes
		Reselection in Connected Mode				
IS	25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2	R2	Yes	08/03/2002	yes
IS	25.306	UE Radio Access capabilities definition	R2	Yes	08/03/2002	yes
TS	25.307	Requirements on UEs supporting a release- independent frequency band	R2	Yes	08/03/2002	yes
IS	25.308	UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2	R2	Yes	08/03/2002	yes
TS	25.321	Medium Access Control (MAC) protocol specification	R2	Yes	08/03/2002	yes
TS	25.322	Radio Link Control (RLC) protocol specification	R2	Yes	08/03/2002	
IS	25.322 25.323		R2	Yes	08/03/2002	yes
		Packet Data Convergence Protocol (PDCP) specification				
TS	25.324	Broadcast/Multicast Control (BMC)	R2	Yes	08/03/2002	
IS	25.331	Radio Resource Control (RRC) protocol specification	R2	Yes	08/03/2002	
TS	25.401	UTRAN overall description	R3	Yes	08/03/2002	yes
TS	25.402	Synchronisation in UTRAN Stage 2	R3	Yes	08/03/2002	yes
IS	25.410	UTRAN lu Interface: General Aspects and Principles	R3	Yes	08/03/2002	yes
TS	25.411	UTRAN lu interface layer 1	R3	Yes	08/03/2002	yes
IS	25.412	UTRAN lu interface signalling transport	R3	Yes	08/03/2002	
IS	25.413	UTRAN lu interface RANAP signalling	R3	Yes		yes
IS	25.414	UTRAN lu interface data transport & transport	R3	Yes	08/03/2002	
		signalling				y 00
TS	25.415	UTRAN lu interface user plane protocols	R3	Yes	08/03/2002	yes
IS	25.419	UTRAN lu-BC interface: Service Area Broadcast- Protocol (SABP)	R3	Yes	08/03/2002	yes
TS	25.420	UTRAN lur Interface: General Aspects and Principles	R3	Yes	08/03/2002	yes
TS	25,421	UTRAN lur interface Layer 1	R3	Yes	08/03/2002	
TS	25.422	UTRAN lur interface signalling transport	R3	Yes		yes
TS	25.423	UTRAN lur interface RNSAP signalling	R3	Yes	08/03/2002	yes
IS	25.424	UTRAN lur interface data transport & transport	R3	Yes	08/03/2002	
		signalling for CCH data streams				
IS	25.425	UTRAN lur interface user plane protocols for CCH data streams	R3	Yes	08/03/2002	
TS	25.426	UTRAN lur and lub interface data transport & transport signalling for DCH data streams	R3	Yes	08/03/2002	yes
TS	25.427	UTRAN lur and lub interface user plane protocols for DCH data streams	R3	Yes	08/03/2002	yes
TS	25.430	UTRAN lub Interface: General Aspects and Principles	R3	Yes	08/03/2002	Ves
TS	25.431	UTRAN lub interface Layer 1	R3	Yes	08/03/2002	
IS	25.432	UTRAN lub interface: signalling transport	R3	Yes	08/03/2002	
TS		UTRAN lub interface NBAP signalling	R3	Yes	08/03/2002	
IS	25.433 25.434	UTRAN lub interface data transport & transport	R3	Yes	08/03/2002 08/03/2002	yes yes
TS	25.435	signalling for CCH data streams UTRAN lub interface user plane protocols for CCH	R3	Yes	08/03/2002	yes
	0= ::-	data streams			00/00/	
IS	25.442	UTRAN implementation-specific O&M transport	R3	Yes	08/03/2002	
IS	25.450	UTRAN lupc interface general aspects and principles	R3	Yes	08/03/2002	
TS	25.451	UTRAN lupc interface layer 1	R3	Yes	08/03/2002	
TS	25.452	UTRAN lupc interface signalling transport	R3	Yes	08/03/2002	yes
TS	25.453	UTRAN lupc interface Positioning Calculation Application Part (PCAP) signalling	R3	Yes	08/03/2002	yes
TR	25.854	Uplink Synchronous Transmission Scheme (USTS)	R1	No	08/03/2002	VAS
IR	25.856	High Speed Downlink Packet Access (HSDPA); Layer-	R2	No	08/03/2002	
		2 and 3 aspects				
IR	25.857	UE positioning enhancements	R2	No	08/03/2002	yes

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TR	25.858	Physical layer aspects of UTRA High Speed Downlink-Packet Access	R1	No	08/03/2002	yes
TR	25.859	User Equipment (UE) positioning enhancements for 1,28 Mcps TDD	R2	No	08/03/2002	yes
IR	25.860	Radio acces bearer support enhancements	R2	No	08/03/2002	yes
TR	25.867	Feasibility study for wideband distribution systems in 3rd generation networks	R4	Yes	08/03/2002	yes
TR	25.868	Node B synchronization for 1,28 Mcps TDD	R1	No	08/03/2002	yes
TR	25.869	Transmitter diversity solutions for multiple antennas	R1	No	08/03/2002	yes
IR	25.870	Enhancement on the DSCH Hard Split mode	R1	No	08/03/2002	yes
TR	25.875	NAS node selector function	R3	No	08/03/2002	yes
TR	25.876	Multiple-Input Multiple-Output Antenna Processing for HSDPA	R1	No	08/03/2002	
TR	25.877	High Speed Downlink Packet Access (HSDPA) lub/lur Protocol Aspects	R3	No	08/03/2002	yes
IR	25.878	RL timing adjustment	R3	No	08/03/2002	
IR	25.879	Separation of resource reservation and radio link-activation	R3	No	08/03/2002	yes
TS	25.880	Re-arrangement of lub transport bearers	R3	No	08/03/2002	,
TR	25.881	Improvement of Radio Resource Management (RRM)- across RNS and RNS/BSS	R3	No	08/03/2002	yes
IR	25.882	1,28 Mcps TDD option base station classification	R4	No	08/03/2002	yes
IR	25.883	Direct Transport Bearers Between SRNC and Node-B	R3	No	07/06/2002	
TR	25.884	lur Neighbouring cell reporting efficiency optimisation	R3	No	07/06/2002	
TR	25.890	High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD)	R4	Yes	14/03/2002	yes
IR	25.893	Radio access bearer scenarios	R2	No	14/03/2003	-yes
TR	25.921	Guidelines and principles for protocol description and error handling	R2	Yes	08/03/2002	yes
IR	25.922	Radio Resource Management Strategies	R2	Yes	08/03/2002	yes
TR	25.931	UTRAN Functions, examples on signalling procedures	R3	Yes	08/03/2002	yes
TR	25.933	IP transport in UTRAN	R3	Yes	08/03/2002	yes
TR	25.942	RF system scenarios	R4	Yes	08/03/2002	
IR	25.943	Deployment aspects	R 4	Yes	08/03/2002	
TR	25.945	RF requirements for low chip rate TDD option	R4	Yes	08/03/2002	yes
TR	25.952	Base Station classification (TDD)	R4	Yes	08/03/2002	
TR	25.956	UTRA repeater: Planning guidelines and system analysis	R4	Yes	08/03/2002	
TR	25.991	Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment	R4	Yes	08/03/2002	yes
ŦR	25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)	R2	Yes	14/03/2002	yes
ŦR	25.994	Measures employed by the UMTS Radio Access- Network (UTRAN) to overcome early User Equipment (UE) implementation faults	RP	Yes	14/03/2002	yes
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	RP	Yes	14/03/2002	yes
IS	26.071	AMR speech Codec; General description	\$ 4	Yes	13/06/2002	yes
IS	26.073	AMR speech Codec; C-source code	\$ 4	Yes	13/06/2002	yes
IS	26.074	AMR speech Codec; Test sequences	\$ 4	Yes	13/06/2002	yes
IS	26.077	Minimum Performance Requirements for Noise- Suppresser Application to the AMR Speech Encoder	\$ 4	Yes	13/06/2002	
TS	26.090	AMR speech Codec; Transcoding Functions	\$ 4	Yes	13/06/2002	yes
TS	26.091	AMR speech Codec; Error concealment of lost frames	\$ 4	Yes	13/06/2002	
IS	26.092	AMR speech Codec; comfort noise for AMR Speech- Traffic Channels	\$ 4	Yes	13/06/2002	
TS	26.093	AMR speech Codec; Source Controlled Rate operation	\$4	Yes	13/06/2002	yes

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IS	26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	\$ 4	Yes	13/06/2002	yes
TS	26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure	\$4	Yes	13/06/2002	
TS	26.102	AMR speech Codec; Interface to lu and Uu	\$4	Yes	13/06/2002	
IS	26.103	Speech codec list for GSM and UMTS	\$4	Yes	14/03/2002	
TS	26.104	ANSI-C code for the floating-point Adaptive Multi-Rate- (AMR) speech codec	\$4	Yes	13/06/2002	yes
IS	26.110	Codec for circuit switched multimedia telephony service; General description	\$ 4	Yes	13/06/2002	yes
TS	26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S 4	Yes	13/06/2002	yes
IS	26.115	Echo control for speech and multi-media services	\$ 4	Yes	13/06/2002	yes
TS	26.131	Terminal acoustic characteristics for telephony; Requirements	\$ 4	Yes	14/03/2002	yes
TS	26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification	\$4	Yes	14/03/2002	yes
TS	26.140	Multimedia Messaging Service (MMS); Media formats and codes	S 4	Yes	14/03/2002	yes
TS	26.171	AMR speech codec, wideband; General description	S4	Yes	14/03/2002	ves
TS	26.173	ANSI-C code for the Adaptive Multi Rate (AMR) Wideband speech codec	\$4	Yes	14/03/2002	J
TS	26.174	AMR speech codec, wideband; Test sequences	S4	Yes	14/03/2002	VAC
TS	26.190	Mandatory Speech Codec speech processing- functions AMR Wideband speech codec; Transcoding- functions	\$4	Yes	14/03/2002	
IS	26.191	AMR speech codec, wideband; Error concealment of lost frames	\$ 4	Yes	14/03/2002	yes
TS	26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects	\$ 4	Yes	14/03/2002	yes
TS	26.193	AMR speech codec, wideband; Source Controlled- Rate operation	\$ 4	Yes	14/03/2002	yes
TS	26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)	\$ 4	Yes	14/03/2002	yes
TS	26.201	AMR speech codec, wideband; Frame structure	\$ 4	Yes	14/03/2002	VOS
TS	26.202	AMR speech codec, wideband; Interface to lu and Uu	\$4	Yes	14/03/2002	
TS	26.204	ANSI-C code for the floating-point Adaptive Multi-Rate- (AMR) wideband speech codec	\$ 4	Yes	14/03/2002	
TS	26.226	Global text telephony (GTT);Transport of text in the voice channel	\$4	Yes	14/03/2002	yes
TS	26.230	Global text telephony (GTT); Cellular text telephone- modem transmitter C-code description	\$4	Yes	14/03/2002	yes
IS	26.231	Global text telephony (GTT); Cellular text telephone- modem minimum performance requirements	\$4	Yes	14/03/2002	yes
IS	26.233	End-to-end transparent streaming service; General description	\$ 4	Yes	14/03/2002	yes
IS	26.234	Transparent end-to-end transparent Packet-switched Streaming Service (PSS); Protocols and codecs	\$ 4	Yes	14/03/2002	yes
TS	26.235	Packet switched conversational multimedia- applications; Default codecs	\$ 4	Yes	14/03/2002	yes
TS	26.236	Packet switched conversational multimedia applications; Transport protocols	\$4	Yes	14/03/2002	yes
IR	26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide	\$ 4	Yes	13/06/2002	yes
TR	26.937	Transparent end-to-end packet switched streaming- service (PSS); RTP usage model	\$ 4	Yes	14/03/2002	yes
TR	26.975	Performance characterization of the Adaptive Multi- Rate (AMR) speech codec	\$ 4	Yes	13/06/2002	yes
TR	26.976	Performance characterization of the Adaptive Multi- Rate Wideband (AMR-WB) speech codec	\$ 4	Yes	07/06/2002	yes

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TS	27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes	08/03/2002	yes
TS	27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3	Yes	08/03/2002	
IS	27.003	Terminal Adaptation Functions (TAF) for services- using Synchronous bearer capabilities	N3	Yes	08/03/2002	yes
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)	T2	Yes	08/03/2002	yes
TS	27.007	AT command set for 3G User Equipment (UE)	T2	Yes	08/03/2002	J
IS	27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	T2	Yes	08/03/2002	
IS	27.060	Packet domain; Mobile Station (MS) supporting- Packet Switched services	N3	Yes	08/03/2002	yes
TS	27.103	Wide Area Network Synchronization	T2	Yes	08/03/2002	
TR	27.901	Report on Terminal Interfaces - An Overview	T2	Yes	08/03/2002	
IS	28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3	\$ 4	Yes	14/03/2002	
IS	29.002	Mobile Application Part (MAP) specification	N 4	Yes	08/03/2002	,
IS	29.007	General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	N3	Yes	08/03/2002	
IS	29.010	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)	N4	Yes	08/03/2002	yes
IS	29.011	Signalling Interworking for Supplementary Services	N 4	Yes	08/03/2002	yes
IS	29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	Yes	08/03/2002	yes
TS	29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1	Yes	08/03/2002	yes
TS	29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR): Gs interface layer 3 specification	N1	Yes	08/03/2002	yes
TS	29.060	General Packet Radio Service (GPRS); GPRS- Tunnelling Protocol (GTP) across the Gn and Gp- interface	N4	Yes	08/03/2002	yes
IS	29.061		N3	Yes	06/09/2002	yes
IS	29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	N2	Yes	07/06/2002	yes
TS	29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface	R3	Yes	08/03/2002	yes
TS	29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	N4	Yes	08/03/2002	yes
TS	29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3	N4	Yes	08/03/2002	yes
TS	29.198- 01	Open Service Access (OSA) Application Programming- Interface (API); Part 1: Overview	N5	Yes	08/03/2002	yes
IS	29.198- 02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data	N5	Yes	08/03/2002	yes
IS	29.198- 03	Open Service Access (OSA) Application Programming- Interface (API); Part 3: Framework		Yes	07/06/2002	yes
IS	29.198- 04-1	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions	N5	Yes	07/06/2002	yes

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TS	29.198- 04-2	Open Service Access (OSA) Application Programming- Interface (API); Part 4: Call control; Subpart 2: Generic call control data SCF		Yes	07/06/2002	
TS	29.198- 04-3	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multiparty call control data SCF	N5	Yes	07/06/2002	yes
IS	29.198- 04-4	Open Service Access (OSA) Application Programming- Interface (API); Part 4: Call control; Subpart 4:- Multimedia call control data SCF	N5	Yes	07/06/2002	yes
IS	29.198- 05	Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction	N5	Yes	08/03/2002	yes
IS	29.198- 06	Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility	N5	Yes	08/03/2002	yes
TS	29.198- 07	Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities	N5	Yes	08/03/2002	yes
TS	29.198- 08	Open Service Access (OSA) Application Programming- Interface (API): Part 8: Data session control	N5	Yes	08/03/2002	yes
TS	29.198- 11	Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management	N5	Yes	08/03/2002	yes
TS	29.198- 12	Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging	N5	Yes	07/06/2002	yes
TS	29.198- 13	Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF	N5	Yes	07/06/2002	yes
TS	29.198- 14	Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM)	N5	Yes	07/06/2002	yes
TS	29.202	Signalling System No. 7 (SS7) signalling transport incore network; Stage 3	N4	Yes	08/03/2002	yes
TS	29.205	Application of Q.1900 series to bearer-independent- circuit-switched core network architecture; Stage 3	N4	Yes	08/03/2002	yes
TS	29.207	Policy control over Go interface	N3	Yes	07/06/2002	yes
TS	29.208	End to end Quality of Service (QoS) signalling flows	N3	Yes	07/06/2002	yes
IS	29.228	IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents	N4	Yes	07/06/2002	
IS	29.229	Cx and Dx interfaces based on the Diameter protocol; Protocol details	N4	Yes	07/06/2002	yes
TS	29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3	N 4	Yes	08/03/2002	yes
TS	29.278	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)	N2	Yes	06/12/2002	yes
TS	29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents	N4	Yes	07/06/2002	yes
TS	29.329	Sh interface based on the Diameter protocol	N4	Yes	07/06/2002	
IS	29.414	Core network Nb data transport and transport- signalling	84	Yes	08/03/2002	
TS	29.415	Core network Nb interface user plane protocols	N3	Yes	08/03/2002	yes
TR	29.903	Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)		Yes	08/03/2002	
TR	29.994	Recommended infrastructure measures to overcome- specific Mobile Station (MS) and User Equipment (UE)- faults	N1	Yes	14/03/2002	yes
ŦŖ	29.998- 01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping		Yes	08/03/2002	yes
TR	29.998- 04-1	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		Yes	08/03/2002	yes

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TR	29.998 - 04- 4	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control SIP		Yes	07/06/2002	
TR	29.998- 05-1	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	N 5	Yes	08/03/2002	yes
TR	29.998- 05-4	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		Yes	08/03/2002	
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	N5	Yes	08/03/2002	
ŦŖ	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	N5	Yes	08/03/2002	yes
TR	30.902	Guidelines for the modification of the Mobile Application Part (MAP)	N4	No	14/03/2002	yes
TS	31.048	Test specification for security mechanisms for the (U)SIM application toolkit	T3	Yes	19/09/2003	_
IS	31.101	UICC-terminal interface; Physical and logical- characteristics	13	Yes	06/09/2002	yes
TS	31.102	Characteristics of the USIM Application	T3	Yes	08/03/2002	∨es
TS	31.103	Characteristics of the ISIM application	T3	Yes	07/06/2002	
TS	31.111	USIM Application Toolkit (USAT)	T3	Yes	08/03/2002	
TS	31.112	USAT Interpreter Architecture Description; Stage 2	T3	Yes	08/03/2002	
TS	31.113	USAT interpreter byte codes	T3	Yes	08/03/2002	
TS	31.114	USAT interpreter protocol and administration	T3	Yes		yes
TR.	31.900	SIM/USIM internal and external interworking aspects	T3	Yes	14/03/2002	ves
IS	32.101	Telecommunication management; Principles and high-level requirements	\$5	Yes	14/03/2002	
TS	32.102	Telecommunication management; Architecture	\$5	Yes	14/03/2002	yes
TS	32.111-1	· · · · · · · · · · · · · · · · · · ·	\$5	Yes	14/03/2002	
TS	32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service	\$5	Yes	14/03/2002	yes
TS	32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA-solution set version	\$5	Yes	14/03/2002	yes
TS	32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP- solution set	\$5	Yes	14/03/2002	yes
IS	32.200	Telecommunication management; Charging- management; Charging principles	\$5	Yes	12/09/2002	yes
TS	32.205	Telecommunication management; Charging- management; Charging data description for the Circuit- Switched (CS) domain	\$5	Yes	14/03/2002	yes
IS	32.215	Telecommunication management; Charging- management; Charging data description for the Packet Switched (PS) domain	\$5	Yes	14/03/2002	yes
IS	32.225	Telecommunication management; Charging- management; Charging data description for the IP- Multimedia Subsystem (IMS)	\$5	Yes	12/09/2002	
TS	32.235	Telecommunication management; Charging- management; Charging data description for application services	\$5	Yes	12/09/2002	yes

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TS	32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects	\$5	Yes	12/09/2002	yes
TS	32.301	Telecommunication management; Configuration- Management (CM); Notification Integration Reference- Point (IRP): requirements	\$5	Yes	14/03/2002	yes
TS	32.302	Telecommunication management; Configuration- Management (CM); Notification Integration Reference- Point; Information Service	\$5	Yes	14/03/2002	yes
TS	32.303	Telecommunication management; Configuration— Management (CM); Notification Integration Reference— Point; CORBA solution set	\$5	Yes	14/03/2002	yes
TS	32.304	Telecommunication management; Configuration— Management (CM); Notification Integration Reference— Point; CMIP Solution Set	\$5	Yes	14/03/2002	yes
TS	32.311	Telecommunication management; Generic Integration- Reference Point (IRP) management; Requirements	\$5	Yes	14/03/2002	yes
IS	32.312	Telecommunication management; Generic Integration- Reference Point (IRP) management; Information- service	\$5	Yes	14/03/2002	yes
TS	32.321	Telecommunication management; Test management Integration Reference Point (IRP); Requirements	\$5	Yes	14/03/2002	yes
IS	32.322	Telecommunication management; Test management Integration Reference Point (IRP); Information service	\$5	Yes	12/09/2002	yes
IS	32.323	Telecommunication management; Test management Integration Reference Point (IRP); Corba solution set	\$5	Yes	12/09/2002	yes
IS	32.324	Telecommunication management; Test management Integration Reference Point (IRP); CMIP solution set	\$5	Yes	12/09/2002	yes
TS	32.401	Telecommunication management; Performance Management (PM); Concept and requirements	\$5	Yes	14/03/2002	yes
TS	32.403	Telecommunication management; Performance- Management (PM); Performance measurements UMTS and combined UMTS/GSM	\$5	Yes	14/03/2002	yes
TS	32.600	Telecommunication management; Configuration- Management (CM); Concept and high-level- requirements	\$5	Yes	12/09/2002	yes
TS	32.601	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): requirements	\$5	Yes	12/09/2002	yes
TS	32.602	Telecommunication management; Configuration— Management (CM); Basic Configuration Management— Integration Reference Point (IRP) information service	\$5	Yes	12/09/2002	yes
TS	32.603	Telecommunication management; Configuration— Management (CM); Basic Configuration Management— Integration Reference Point (IRP): CORBA solution set	\$5	Yes	12/09/2002	yes
IS	32.604	Telecommunication management; Configuration- Management (CM); Basic CM Integration Reference- Point (IRP) Common Management Information- Protocol (CMIP) solution set	\$5	Yes	12/09/2002	yes
TS	32.611	Telecommunication management; Configuration— Management (CM); Bulk CM Integration Reference— Point (IRP); Requirements	\$5	Yes	13/06/2002	yes
IS	32.612	Telecommunication management; Configuration— Management (CM); Bulk CM Integration Reference— Point (IRP); Information service	\$5	Yes	12/09/2002	yes
TS	32.613	Telecommunication management; Configuration— Management (CM); Bulk CM Integration Reference— Point (IRP); Common Object Request Broker— Architecture (CORBA) solution set	\$5	Yes	12/09/2002	yes
TS	32.614	Telecommunication management; Configuration— Management (CM); Bulk CM Integration Reference— Point (IRP); Common Management Information— Protocol (CMIP) solution set	\$5	Yes	12/09/2002	yes

Type	Number	Title	WG- For prime lication		freeze date	frozen
TS	32.615	Telecommunication management; Configuration- Management (CM); Bulk CM Integration Reference- Point (IRP); eXtensible Markup Language (XML) file- format definition	\$5	Yes	13/06/2002	yes
IS	32.621	Telecommunication management; Configuration- Management (CM); Generic network resources Integration Reference Point (IRP): requirements	\$5	Yes	12/09/2002	yes
TS	32.622	Telecommunication management; Configuration- Management (CM); Generic network resources- Integration Reference Point (IRP): Network Resource- Model (NRM)	\$5	Yes	12/09/2002	yes
IS	32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set	\$5	Yes	12/09/2002	yes
TS	32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set	\$5	Yes	12/09/2002	yes
TS	32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	\$5	Yes	14/03/2002	yes
TS	32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): requirements	\$5	Yes	13/06/2002	yes
TS	32.632	Telecommunication management; Configuration- Management (CM); Core Network Resources- Integration Reference Point (IRP): Network Resource- Model (NRM)	\$5	Yes	12/09/2002	yes
TS	32.633	Telecommunication management; Configuration- Management (CM); Core network resources- Integration Reference Point (IRP): CORBA solution set	\$5	Yes	12/09/2002	yes
TS	32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CMIP solution set	\$5	Yes	12/09/2002	yes
TS	32.635	Telecommunication management; Configuration- Management (CM); Core network resources- Integration Reference Point (IRP): Bulk CM eXtensible- Markup Language (XML) file format definition	\$5	Yes	13/06/2002	yes
TS	32.641	Telecommunication management; Configuration- Management (CM); UTRAN network resources- Integration Reference Point (IRP): requirements	\$5	Yes	12/09/2002	yes
TS	32.642	Telecommunication management; Configuration- Management (CM); UTRAN network resources- Integration Reference Point (IRP): Network Resource- Model (NRM)	\$5	Yes	12/09/2002	yes
TS	32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CORBA solution set	\$5	Yes	12/09/2002	yes
TS	32.644	Telecommunication management; Configuration- Management (CM); UTRAN network resources- Integration Reference Point (IRP): CMIP solution set	\$5	Yes	12/09/2002	yes
TS	32.645	Telecommunication management; Configuration- Management (CM); UTRAN network resources- Integration Reference Point (IRP): Bulk CM eXtensible- Markup Language (XML) file format definition	\$5	Yes	13/06/2002	yes
TS	32.655	Telecommunication management; Configuration- Management (CM); GERAN network resources- Integration Reference Point (IRP): Bulk CM eXtensible- Markup Language (XML) file format definition	\$5	Yes	13/06/2002	yes
TS	32.661	Telecommunication management; Configuration Management (CM); Kernel CM requirements	\$5	Yes	12/09/2002	yes
TS	32.662	Telecommunication management; Configuration Management (CM); Kernel CM information service	\$5	Yes	12/12/2002	yes

Type	Number	Title	prime lication		freeze date	frozen
TS	32.663	Telecommunication management; Configuration Management (CM); Kernel CM CORBA solution set	\$5	Yes	12/09/2002	yes
TS	32.664	Telecommunication management; Configuration- Management (CM); Kernel CM Integration Reference- Point (IRP): Common Management Information- Protocol (CMIP) solution set	\$5	Yes	12/12/2002	
TS	32.671	Telecommunication management; Configuration- Management (CM); State Management Integration- Reference Point (IRP): Requirements	\$5	Yes	14/03/2002	yes
TS	32.672	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information service	\$5	Yes	14/03/2002	yes
TS	32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): CORBA Solution set	\$5	Yes	14/03/2002	yes
TS	32.674	Telecommunication management; Configuration- Management (CM); State Management Integration- Reference Point (IRP): CMIP Solution set	\$5	Yes	14/03/2002	yes
TS	32.691	Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Requirements	\$5	Yes	12/09/2002	yes
IS	32.692	Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Network resource model	\$5	Yes	12/09/2002	yes
TR	32.800	Telecommunication management; Management level procedures and interaction with UTRAN	\$5	No	14/03/2002	yes
ŦR	32.802	Telecommunication management; User Equipment Management (UEM) feasibility study	\$5	No	13/06/2002	yes
TS	33.102	3G security; Security architecture	S3	Yes	14/03/2002	ves
TS	33.106	Lawful interception requirements	\$3	Yes	14/03/2002	
TS	33.107	3G security; Lawful interception architecture and functions	\$3	Yes	14/03/2002	
IS	33.108	3G-security; Handover interface for Lawful Interception (LI)	\$3	Yes	13/06/2002	yes
IS	33.200	3G Security; Network Domain Security (NDS); Mobile- Application Part (MAP) application layer security	\$3	Yes	14/03/2002	yes
TS	33.201	Access domain security	S3	Yes	14/03/2002	yes
TS	33.203	3G security; Access security for IP-based services	\$3	Yes	14/03/2002	yes
TS	33.210	3G security; Network Domain Security (NDS); IP- network layer security	\$3	Yes	14/03/2002	
TR	33.900	Guide to 3G security	\$3	Yes	14/03/2002	yes
TR	33.903	Access Security for IP based services	S3	Yes	14/03/2002	ves
IS	34.109	Terminal logical test interface; Special conformance testing functions	R2	Yes	08/03/2002	
IS	34.123-1	User Equipment (UE) conformance specification; Part- 1: Protocol conformance specification	11	Yes	07/06/2002	
IS	34.123-2	User Equipment (UE) conformance specification; Part- 2: Implementation conformance statement (ICS) specification	T1	Yes	07/06/2002	yes
TS	34.124	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment	R4	Yes	08/03/2002	yes
TR	34.926	Table of international EMC requirements	R4	Yes	08/03/2002	
TS	35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications	\$3	Yes	14/03/2002	
IS	35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification	\$3	Yes	14/03/2002	yes
IS	35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data	\$3	Yes	14/03/2002	yes
TS	35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	S3	Yes	14/03/2002	yes

Type	Number	Title	WG- prime	For pub- lication?	freeze date	frozen
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*; Document 1: General	\$3	Yes	14/03/2002	yes
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*; Document 2: Algorithm specification	\$3	Yes	14/03/2002	yes
IS	35.207	3G Security; Specification of the MILENAGE algorithmset: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 3: Implementors' testdata	\$3	Yes	14/03/2002	yes
TS	35.208	3G Security; Specification of the MILENAGE algorithm- set: An example algorithm Set for the 3GPP- Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 4: Design conformance- test data	\$3	Yes	14/03/2002	yes
TR	35.909	3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 5: Summary and results of design and evaluation	\$3	Yes	14/03/2002	yes

3GPP TSG-SA Meeting #20 Hämeenlinna, Finland, June 2003

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3GPP TS 21.101 V3.4412.0 (2003-0306)

Technical Specification

3rd Generation Partnership Project;

Technical Specification Group Services and System Aspects;

<u>Technical Specifications and Technical Reports for a UTRAN-based 3GPP system3rd Generation mobile system Release</u>

<u>1999 Specifications</u>

(Release 1999)



The present document has been developed within the 3rd Generation Partnership Project (3GPP TM) and may be further elaborated for the purposes of 3GPP.